**Atlanta**

*Ratios (RP.A.1)*

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| 1. What is the definition of a ratio? | 2. There are 22 students in your math class. 9 are boys and the rest are girls. Express the relationship of boys to girls as a ratio in 3 ways. | 3. For every 3 sodas sold at a baseball game, 9 bottles of water were sold. Express this relationship as a ratio in simplest form in 3 ways. | 4. Write out your answer to #2 as a sentence. (For every \_\_\_\_\_\_ there are \_\_\_\_\_\_\_). |
| 5. You can buy a 10 lb bag of apples for $12.70. Express this situation as a ratio in 3 ways. | 6. What is the cost per pound in #5? | 7. How many pounds of apples can you buy for $1 from question 5? (Round to the nearest thousandth) | 8. Can you write a ratio for #5 in more than one way? Explain why or why not. |
| 9. Three movie tickets at Mauro’s Movie Theater cost $21. Express this situation as a ratio in 3 ways. | 10. Complete the table regarding tickets at the Movie Theater.   |  |  | | --- | --- | | Tickets | Cost | | 2 |  | | 6 |  | | 8 |  | | 11. For every 5 hotdogs sold at a football game, 4 cheeseburgers were sold. Express the relationship between hotdogs and hamburgers as a ratio in 3 ways. | 12. What is the cost per ticket from #10? |
| 13. Write a ratio to express the situation below in 3 ways.  Macintosh HD:Users:student:Desktop:images.jpegMacintosh HD:Users:student:Desktop:DownloadedFile.jpegMacintosh HD:Users:student:Desktop:images.jpegMacintosh HD:Users:student:Desktop:DownloadedFile.jpegMacintosh HD:Users:student:Desktop:images.jpegMacintosh HD:Users:student:Desktop:DownloadedFile.jpegMacintosh HD:Users:student:Desktop:images.jpegMacintosh HD:Users:student:Desktop:DownloadedFile.jpegMacintosh HD:Users:student:Desktop:DownloadedFile.jpegMacintosh HD:Users:student:Desktop:DownloadedFile.jpegMacintosh HD:Users:student:Desktop:DownloadedFile.jpegMacintosh HD:Users:student:Desktop:DownloadedFile.jpeg | 14. Write your answer to #13 as a sentence. | 15. Write a ratio in simplest form to represent the situation below in 3 ways.  Macintosh HD:Users:student:Desktop:DownloadedFile-1.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-1.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-1.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-1.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-1.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-1.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-1.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-1.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-1.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-1.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-2.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-2.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-2.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-2.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-2.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-2.jpeg | 16. There are 15 dogs at the pet store. 9 of them are brown, while the rest are different colors. Write a ratio in simplest form to compare the number of brown dogs to other dogs in 3 ways. |
| 17. Complete the ratio table to show the number of cupcakes vs. cakes made   |  |  | | --- | --- | | 5 | 2 | | 10 |  | |  | 6 | | 20 | 8 | | 18. What is the definition of a percent? | 19. Are the ratios below equivalent?  2 20  5 55 | 20. There are 7 boys and 3 girls on the track team. What is the girl to boy ratio in 3 ways. |
| 21. There are 4 box turtles and 6 snapping turtles at the zoo. Express the relationship between snapping turtles and box turtles as a ratio in simplest terms in 3 ways. | 22. During the winter, strawberries cost $3.50 per pound. In the summer, they only cost $1.75 per pound. Write a ratio comparing the winter cost to summer cost. | 23. Are the ratios below equivalent?  1 10  3 30 | 24. Express the relationship below as a ratio.  Macintosh HD:Users:student:Desktop:DownloadedFile-4.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-3.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-4.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-3.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-4.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-3.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-4.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-3.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-4.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-3.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-4.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-3.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-4.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-4.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-4.jpegMacintosh HD:Users:student:Desktop:DownloadedFile-4.jpeg |
| 25. Recipe one calls for 4 cups of sugar for every 3 cups of flour. Recipe two calls for 5 cups of sugar for every 4 cups of flour. Which recipe has the highest ratio of sugar to flour? | 26. Convert the following:  a) 500 cm= \_\_\_\_\_\_\_\_\_\_m  b) 1.75 g = \_\_\_\_\_\_\_\_\_\_mg  c) \_\_\_\_\_\_\_\_\_ cm= 0.55km  d) 450m = \_\_\_\_\_\_\_\_\_\_\_ km | 27. Write >,<, or =  a) 70 mm \_\_\_\_\_ 7 cm  b) 3 L \_\_\_\_\_\_\_ 300 mL  c) 3,300kg \_\_\_\_\_ 3.3g  d)16 km \_\_\_\_\_ 16,000cm | 28. Convert the following:  a) 36 in = \_\_\_\_\_\_\_ yd  b) 3 pts = \_\_\_\_\_\_\_ cups  c) 4 lbs = \_\_\_\_\_\_\_ oz  d) 5 gal = \_\_\_\_\_\_\_\_ pts |

**New York**

*(RP.A.2, RP.A.3)*

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| 1. 60% of the boys on the basketball team have on black shoes. If 18 boys are wearing black shoes, how many are on the basketball team? | 2. Jill, Jan, and Jo were nominated for Winter Dance Queen. Of the 120 students who votes, 70 voted for Jill, 30 for Jan, and 20 for Jo. What was the ratio of votes for Jill to votes for Jan? | 3. What was the ratio of votes for Jill to votes for Jo in #2? | 4. What was the ratio of votes for Jo to votes for Jan in #2? |
| 5. Emma and Gavin both worked at a pizza place. The ratio of money they earned in tips was 2:3. If Emma earned $40, how much did they make all together? | 6. At Pippy’s Piza Palace you can get a 12 inch pizza for $10.50 or a 16 inch pizza for $12. Which pizza is the better buy? (Hint: Lower unit rate, better buy!) | 7. A survey found that there are 3 baby girls born for every 2 baby boys at Happy Med Center each month. If there were 38 boys born in April, how many girls were born? | 8. At Happy Med Center, there were 81 girls born in December. Using the unit rate from #7, determine how many boys were born that month. |
| 9. What percent is 15 out of 75? | 10. Grapes cost $1.75 per pound. How much do 0.4 pounds of grapes cost? | 11. Tyrell scored an 80% on his math test. If there were 40 questions, how man did he get correct? | 12. Ernest can read 9 chapters of a book in 4 days. How many chapters can he read each day? |
| 13. How many chapters of a book can Ernest read in two weeks? | 14. If Ernest reads for 5 hours each day, how many chapters can he read each hour? | 15. What is 30% of 50? | 16. At the same pet store, there are 50 fish. 40% of the fish have stripes. What percent of the fish do not have stripes? |
| 17. How many fish (from #16) have stripes? | 18. The ratio of cups of sugar to cups of chocolate chips in a recipe is 2:4. If 26 cups of these ingredients are used, how many cups were sugar? | 19. What percent is 20 out of 80? | 20. 1 miles if equal to 5,280 feet. Jake ran 4.5 miles today. What is the distance of his run in feet? |
| 21. A dozen roses cost $45. How much do 9 roses cost? | 22. If 1 kilometer is equal to 1,000 meters, how many kilometers are in 8563.2 meters? | 23. Complete the table below to determine how many centimeters are in 6 inches   |  |  |  |  |  | | --- | --- | --- | --- | --- | | In | 1 | 2 | 4 | 6 | | Cm | 2.54 | 5.08 | 10.16 | ? | | 24. If 1 foot = 1/3 of a yard, how many feet are in a yard? |
| 25. Four kids must share 3 pizzas. Divide up the pizzas below to show how much each kid will get. (Label each section with a 1,2,3 or 4) | 26. What is the definition of a unit rate? | 27. A cookie recipe calls for 3 cups of flour for every egg. How many cups of flour are needed if there are 6 eggs? | 28. April walks 1.5 miles by going to and from school. How far does she live from school? |
| 29. Your pop paid $60 for $16 gallons of gas. What is the unit rate? | 30. How much would you pay for 9 gallons of gas from the same place (From #29) | 31. Sliced turkey costs $2.50 per pound from the deli. How much will 0.6 pounds of sliced turkey cost? | 32. There are 12 inches in one foot. How many inches are in 5.5 feet? |
| 33. 1 inch on a map is equal to 34.5 miles. If the distance between two points on a map os 3.5 inches, how far is that in miles? | 34. An airplane traveled the 890 miles between Orlando and Baltimore in 2 hours, 10 minutes. How fast did the airplane travel per minute? Round to the nearest hundredth. | 35. At Sal’s Scuba Shop, you can get 3 hours of lessons for $225. What is the cost per hour? | 36. How many hours of Sal’s Scuba lessons can you get for $550 from #35? |
| 37. How much would it cost for 4.5 hours of lessons from Sal’s Scuba shop from #35? | 38. Complete the table using the cost for lessons from Sal’s.   |  |  | | --- | --- | | Hours | Cost | | 2 |  | | 4 |  | | 5 |  | | 39. 20% of the students in your class wore red shoes today. There are 20 kids in class. How many had on red shoes? | 40. Barry makes 5 cupcakes for every 2 cakes. If he made 142 cakes yesterday, how many cupcakes did he make? |
| 41. You can download 50 songs for $42.50 or 75 songs for $64.50. Which has the best unit rate? | 42. 10% of the kids in your class have blue eyes. If 3 kids have blue eyes, how many total students are in your class? | 43. There were 74 jellybeans in a jar. Mike ate 50% of them. How many jellybeans did he eat? | 44. There is a 5% sales tax on clothes at your favorite store. You’ve gone shopping 4 times. How much tax did you pay each time?   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Total | $15 | $35 | $50 | $120 | | Tax |  |  |  |  | |
| 45. Alan is working on his reading calendar. What percent of the calendar has he filled in?   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | | 46. Millie earned $45 after working 2 hours last night. At this rate, how much will she make after working for 8 hours? | 47. Bill’s Burgers sold 280 burgers yesterday. They were open for 8 hours. How many burgers did they sell per hour? | 48. Of the 280 burgers sold yesterday at Bill’s from #47, 70% of them were cheeseburgers. How many cheeseburgers were sold yesterday? |
| 49. Using the same unit rate from #47, how many burgers could Bill expect to sell after being open for 18 hours? | 50. A cheeseburger usually costs $4 at Bill’s. He is throwing a 20% off sale form one day only! How much will a cheeseburger cost during the sale? | 51. Camilla has a doll that was made using a scale of 5cm = 8 in. If the model is 64 inches tall, how tall is the actual doll? | 52. Jose’ is putting up wallpaper in his living room. Wallpaper is $1.75 per square foot. One wall measure 10 feet by 9 feet How much will wallpaper cost for this wall? |
| 53. What is 40% of 60? | 54. Two other walls in Jose’s living room measure 14 ft by 9 ft. How much will wallpaper cost for both of these walls? Use #52 | 55. The final wall in Jose’s living room is 20 feet by 9 feet. How much will he spend on wall paper for this wall? Use #52 | 56. What is the total amount Jose’ will pay to wallpaper his living room? Use #52,54,55 |
| 57. Barry’s bake shop is very busy. They made 450 cupcakes in just two hours today. How many cupcakes did they make per hour? | 58. 60% of the cupcakes made so far today have been chocolate. How many chocolate cupcakes have been made? | 59. Complete the ratio table below:   |  |  | | --- | --- | | 8 | 3 | | 16 |  | |  | 9 | | 32 | 12 | | 60. 15% of the kids in science class still haven’t finished their project. What percent of the students have finished? |

**Bejing**

(*NS.A.1, NS.B.2)*

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| 1. Jamie ran 1/5 of a relay. She ran ¾ of a mile. How long was the relay? | 2. Is 4,286 divisible by 6? Use what you know about divisibility rules to explain why or why not. | 3. Complete the pattern:  9 ÷ \_\_\_\_\_ = 3  90 ÷\_\_\_\_\_ = 30  900 ÷\_\_\_\_\_ = 300  9,000 ÷\_\_\_\_\_ = 3,000 | 4. Label the given factions on the number line below  2 3 1 2  5 4 2 3 |
| 5. Explain how you can tell if a number is divisible by 7. | 6. Emily ate 1/10 of a box of cereal. Her serving was 2/3 of a cup. How many cups were in the entire box? | 7. If 98 x 12 = 1,176, what is 11,760 ÷ 12? | 8. Explain how you can tell if a number is divisible by 4. |
| 9) 45 ÷ 11700 | 10. Is 2,115 divisible by 9? Use what you know about divisibility rules to explain why or why not | 11. One batch of crispy treats requires 1 and 1/3 cups of marshmellows. How many complete batches can you make if you have 5 and ¾ cups of marshmellows? | 12. Label the given fractions on the number line.  -2 1 -1 1  3 4 2 3 |
| 13. Anna is stuffing boxes with magazines. She has 4,514 magazines to put in 122 boxes. How many magazines will go in each box? | 14) 18 ÷ 468 | 15. Complete the pattern:  4 ÷ \_\_\_\_\_ = 2  40 ÷ \_\_\_\_\_ = 2  400 ÷ \_\_\_\_\_ = 2  4,000 ÷ \_\_\_\_\_ = 2 | 16. A cookie recipe calls for ¼ of a cup of sugar for one batch. How many complete batches can you make if you have 3 and 1/3 cups of sugar? |
| 17. Belle’s bakery is giving away $560 worth of cakes. If each giant cake costs $20, how many are they giving away? | 18.  1 ÷ 2  5 3 | 19. Explain how you can tell if a number is divisible by 8. | 20. Complete the pattern:  10 ÷ \_\_\_\_\_\_ = 2  100 ÷ \_\_\_\_\_\_ = 2  1000 ÷ \_\_\_\_\_\_ = 2  10,000 ÷ \_\_\_\_\_\_ = 2 |
| 21. Emma has walked 2/3 of the way from his house to school. He has walked 2/5 of a mile. How far is it from his house to school? | 22. | 23. | 24. |
| 25. | 26. | 27. | 28. Play the fraction, decimal and percent matching game |

**Tokyo**

*(NS.B.3)*

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| 1. Estimake the sum by rounding each number to the nearest whole number.  1.78 + 4.25 | 2. If 42 x 22 = 924, what is 924 ÷ 2.2? | 3. Shawn bought 8 apples for $4.96. How much did one apple cost? | 4. Solve  1.45 x 2.3 |
| 5. Solve  24.6 x 1.2 | 6. Dan bought each of his five friends a movie ticket. One ticket costs $8.50. How much did he spend on all 5 tickets? | 7. Where does the decimal go in the product to make this a true statement?  2.25 x 0.13 = 2925 | 8. If 35 x 18 = 630, what is 35 x 1.8? |
| 9. Ellie paid %5.40 for 4.5 pounds of blueberries. How much does one pound of blueberries cost? | 10. Where does the decimal go in the product to make this a true statement?  4.82 x 2.45 = 11809 | 11. A piece of chocolate cake costs $1.75 at a restaurant. A table orders 9 pieces of chocolate cake. How much did they spend on cake? | 12. Casey purchased a soda for $0.80 and a hamburger for $3.25. He paid with a $5 bill. How much change does he get back? |
| 13. A candy bar cost $1.85. You purchase 8 candy bards. How much do you spend on all 8 candy bars? | 14. Estimate the sum by rounding each number to the nearest whole number.  2.15 + 9.41 | 15. Where does the decimal go in the product to make this a true statement?  1.8 x 23.43 = 42174 | 16. Brynn took $10 with her to the store. She bought a box of cereal for $2.80 and a gallon of milk for $3.76. How much change will she get back? |
| 17. If 23 x 45 = 1,035, what is 2.3 x 45? | 18. Where does the decimal go in the product to make this a true statement?  4.2 x 3.67 = 15414 | 19. Jason bought 2.4 pounds of bananas and 3.15 pounds of cherries. How many pounds of fruit did he buy all together? | 20. Abbie bought a jacket for $20.65 and a shirt for $15.82. She paid with a $50 bill. How much change does she get back? |
| 21. Solve  224.2 ÷ 7.6 | 22. Solve  281.06 ÷ 4.6 | 23. Solve  527.35 ÷ 5.3 | 24. Solve  3.12 ÷ 0.6 |
| 25. Solve  0.31 + 0.45 | 26. Solve  0.1 + 0.04 | 27. Solve  0.08 – 0.01 | 28. Solve  0.4 – 0.23 |
| 29. Solve  0.99 – 0.8 | 30. Solve  10.7 x 0.02 | 31. Solve  146.2 x 0.03 | 32. Solve  14 x 2.3 |

**New Delhi**

*(NS.C.5, NS.C.7)*

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| 1. Put the following numbers in order from least to greatest.  -1, 2, -4, -3, 1, -2 | 2. How far apart are 4 and -4 on the number line? Draw a number line if you need to | 3. A bird is flying 40 feet above the group. A squirrel buried an acorn 3 feet underground. How far apart are the acorn and the bird? | 4. Place the given integers on the lines to make the inequality correct.  -2, -12, -20  \_\_\_\_\_\_<\_\_\_\_\_\_\_<\_\_\_\_\_\_\_ |
| 5. How far apart are -10 and 0 on a number line? | 6. If you start at 3 on the number line and move 5 units left, where do you end up? | 7. The top of a mountain is 1,267 above sea level. A shipwreck was discovered 425 feet below sea level. What is the distance between the mountain top and ship wreck? | 8. Use a number line to determine whether the statement below is true or false.  -5 > -1 |
| 9. The high temperature today at a Canadian ski resort if -8 degrees. The high in Cancun today is 96. How much warner was it in Cancun than the ski resort? | 10. Label the integers on a number line:  -3, 1, 3 | 11. Determine |15| | 12. What is the relationship between -3 and 3 in terms of their placement on a number line? |
| 13. Place the given integers on the lines to make the inequality correct.  -5, -3  \_\_\_\_\_ < \_\_\_\_\_\_ | 14. The temperature in Denver this morning was -14 degrees and 72 degrees in Miami. How much warmer was it in Miami this morning? | 15. Place the given integers on the lines to make the inequality correct.  -2, -3  \_\_\_\_\_ <\_\_\_\_\_ | 16. If you start at -3 on the number line and move 4 units to the right, where do you end up? |
| 17. Yesterday the high temperature was -13 degrees. Today the high was -15 degrees, was it warmer today or yesterday? | 18. Determine whether the statement below is true or false  -3 > -4 | 19. What is the absolute value of -3? | 20. What is the definition of absolute value? |
| 21. What is the absolute value of 25? | 22. A diver is exploring a reef 50 feet below sea level. A hang glider is cruising at 220 feet above sea level. How far apart are the diver and hang glider? | 23. Use a number line to determine whether the statement below is true or false.  -3 > -4 | 24. What two numbers does 2.7 fall between? Show this on a number line. |
| 25. What two numbers does 8 and ¾ fall between? Show this on a number line. | 26. What two numbers does -4.5 fall between? Show this on a number line. | 27. What is the opposite number to ½? Show this on a number line | 28. What do you notice about 5 and it’s opposite number’s distance from 0 on a number line? |

**Sydney**

*(NS.C.6)*

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| 1.  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 10.01.51 AM.png | 2.  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 10.02.06 AM.png | Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 10.03.18 AM.png |
| Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 10.02.26 AM.png | 5.Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 10.03.30 AM.png | 6.  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 10.02.49 AM.png |
| 7.  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 10.03.03 AM.png | 8. Where is the shoe?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 10.07.52 AM.png | 9. Where is the coffee mug?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 10.07.52 AM.png |
| 10. Which axis is horizontal? | 11. What quadrant is the point (-13,8) located? | 12. What quadrant is the point (-24,-45) located? |
| 13. What quadrant is the point (1/2, -7) located? | 14. What quadrant is the point (3.4, 9.6) located? | 15. Which axis is vertical? |

**Moscow**

*(NS.C.4)*

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| 1. Use the distributive property to write an addition sentence equal to:  10(4+6) | 2. List all the multiples of 15 that are less than 100 | 3. What is the least common multiples of 20 and 42? | 4. Use the distributive property to write an addition sentence equivalent to  7(3+5) |
| 5. List all the factors of 36 | 6. What are the common factors of 28 and 40? | 7. List all the factors of 112 | 8. Re-write 50 + 15 using the distributive property and a common factor. |
| 9. What are the common factors of 12 and 20? | 10. Re-write 24 + 6 using the distributive property and a common factor | 11. What are the common factors of 24 and 60? | 12. Use the distributive property to write an addition sentence equal to:  4(10+8) |
| 13. List all the multiples of 6 that are less than 80 | 14. List all of the multiples of 3 that are less than 50. | 15. Use the distributive property to write an expression equivalent to:  6(x+2) | 16. Which equations shows the distributive property?  a) 8x + 4 = 2(4x+2)  b) 8x + 4 = 2x(4+2)  c) 2x + 4 = 2(x+4)  d) 2x + 4 = x(2 +4) |
| 17. Use the distributive property to write an expression equal to:  7(4 – r) | 18. Use the distributive property to write an expression equal to:  10(5g + 8k) | 19. Determine if 84 is divisible by 9 | 20. Determine if 127 is divisible by 3 |
| 21. Find a value that would make the following number divisible by 3:  3\_5 | 22. The number 5,270 is NOT divisible by:  a) 10  b) 5  c) 3  d) 2 | 23. If Fred has 64 books to give away, could he share them evenly among four of his friends? Explain why or why not. | 24. Determine if 8,905 is divisible by 5. |
| 25. List the first 6 multiples of 7. | 26. List the factors of 33 | 27. Find the missing multiple:  24, 32, \_\_\_\_, 48 | 28. Find a value that would make the following number divisible by 3:  4\_\_\_9,851 |
| 29. Determine if 9,423 is divisible by 9 | 30. List the first 7 multiples of 8 | 31. What is the greatest common factor of 24 and 12? | 32. What is the least common multiple of 16 and 64? |

**Paris**

*(EE.A.1, EE.A.3, EE.A.4)*

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| 1. Write the expression using exponents  20 x 20 x 20 | 2. Evaluate | 3. Solve | 4. Write the expression using exponents  15 x 15 x 15 x 15 |
| 5. Solve | 6. Write the expression using exponents  2 x 2 x 2 | 7. Solve | 8. Represent using exponents: |
| 9. Solve | 10. Solve | 11. Write the expression using exponents  4 x 4 x 4 x 4 x 4 x 4 | 12. Write the expression below using exponents  8 x 8 x 8 + 3 x 3 |
| 13. Write the expression using exponents  6 x 6 x 6 | 14. Solve | 15. Write the expression using exponents  8 x 8 x 8 x 8 | 16. Solve |
| 17. Write the expression using exponents  5 x 5 x 5 x 5 x 5 | 18. Solve | 19. Solve | 20. Solve |
| 21. Solve | 22. Re-write using exponents | 23. Solve | 24. Solve |
| 25. Re-write NOT using exponents | 26. Re-write NOT using exponents | 27. Re-write NOT using exponents | 28. Solve |

**Rome**

*(EE.A.2, EE.B.6)*

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| 1. You went to the store and bought m pounds of chicken for $2 per pound. Write an expression to represent how much you paid | 2. Amy earned $93 at work yesterday. She gets paid $8 per hour, plus she received a $45 bonus. Write an equation that can be used to determine how many hours Amy worked. | 3. Solve the equation you wrote in #2 to determine how many hours Amy worked yesterday. | 4. Daniel bough x pounds of apples for $2 per pound and also a gallon of milk for $4. He paid $16 at checkout. Write an equation that can be used to determine how many pounds of apples Daniel bought. |
| 5. Your cell phone company charges $40 per month for one phone, plus an additional $5 per month for each extra phone. Write an expression to represent the cost of a plan with x phones | 6. How much would it cost to have 5 phones on the plan used in #5? | 7. A car rental company charges a $60 rental feel, plus $1 per mile. Write an expression to represent how much you would pay if you rent and drove a car m miles. | 8. How much would it cost you to rent and drive a car 72 miles from #7? |
| 9. Solve the equation in #4 to determine how many pounds of apples Daniel bought. | 10. Write an expression to represent this situation:  *Eight more than the sum of a number and ten*. | 11. Write an expression to help you solve the problem below:  *You have 15 more colored pencils than Britt, who has m colored pencils.* | 12. If Britt has 10 colored pencils how many do you have? (Use #11) |
| 13. Write an expression to represent this situation:  *Seven less than the product of four and a number* | 14. If you bought 5.5 pounds of chicken, how much did you pay for #1? | 15. James sold cakes at a bake sale One cake costs $9. Write an expression that could be used to determine how much money Jake would have made if he sold x cakes. | 16. If Jake sold 12 cakes, how much money did he make for #16? |
| 17. Solve for r  8 + r = 2 | 18. Simplify by combining like terms  8x + 4y – 5x | 19. Kelly has m pieces of candy. Aubrey has three times the amount of candy that Kelly has. Write an expression that represents how much candy Aubrey has. | 20. If Kelly has 8 pieces, how many pieces does Aubrey have? (Use #19) |
| 21. If Aubrey has 15 pieces, how many pieces does Kelly have? (Use #19) | 22. If Kelly has 10 pieces, how many pieces do both girls have all together? (Use #19) | 23. Write an expression that would help you solve the problem below:  Emma, Adam, and Marie make $48 walking dogs. They split the money equally | 24. Write an expression to represent this situation:  *The quotient of four and the product of two and a number* |
| 25. Write an expression to represent this situation:  *14 added to a number* | 26. Write an expression to represent this situation:  *The quotient of a number and 4* | 27. Write an expression to represent this situation:  *1/3 of a number* | 28. Write an expression to represent this situation:  *42 less than a number* |

**Dublin**

*(EE.B.5)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. Alex worked 7 hours yesterday. The equation T = 7r represents how much money he made yesterday. If Alex makes $9.75 per hour (r), how much did he make (T) yesterday? | 2. Solve for m  8 + m = 20 | 3. Solve for y  100 = 4y | 4. Solve for n  50n = 250 |
| 5. Simplify by combining like terms  4a + 5a | 6. Solve for h  55 = h – 20 | 7. It took Aaron 4 hours to drive 232 miles. Use the equation below to determine what his average rate of speed was. D = r x t  D = distance  R = rate of speed  T = time | 8. Solve for q  45 = 7 + q |
| 9. Solve for r  400 = 8r | 10. Solve for y  9y = 72 | 11. Andres buys 3 boxes of markers. Each box has the same number of markers. Andres now has 15 markers. Write an equation to find how many markers are in one box. | 12. Solve your equation from #11 |
| 13. At noon the temperature was 75 degrees. Then the temperature dropped ‘d’ degrees. By midnight, the temperature was 63 degrees. Write an equation. | 14. Solve the equation for #13 | 15. Mary earns $12.50 from babysitting and then spends some of her earrings on a new book. She has $8 of her earnings left. Write an equation | 16. Solve the equation in #15 |
| 17. Solve  3x = 39 | 18. Solve  h = 24  6 | 19. Solve  j – 31 = 31 | 20. Solve  7p = 56 |

** Berlin**

*(EE.B.7, EE.B.9)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. Carl makes $8.75 per hour at work. He worked h hours last night. He wants to determine how much money he made. Write an expression that would help you solve this problem. | 2. How much money did Carl make last night if he worked 5.5 hours? (Use #1) | 3. Jonah weighs twice as much as Zack. Write an expression to represent this situation. | 4. If Jonah weighs 32 pounds. How much does Zack weigh? (Use #3) |
| 5. Write an equation to describe the pattern   |  |  | | --- | --- | | X | Y | | 9 | 5 | | 8 | 4 | | 7 | 3 | | 6. Juan makes $9 per hour at his job. The equation represents how much money he made yesterday  *T = 9h*  If Juan made (T) $76.50 yesterday, how many hours did he work? | 7. Tammy runs 3 miles per day. After 9 days, how many miles will Tammy have run? | 8. Earl drove at 60 miles per hour for 6 hours. Use the equation below to determine how far he drove  *D = r x t*  D = distance  R = rate of speed  T = time |
| 9. Using the table in #10, what would the value of y be if x = 8? | 10. Write an equation to describe the pattern   |  |  | | --- | --- | | X | Y | | 40 | 20 | | 30 | 15 | | 20 | 10 | | 11. Write an equation to describe the pattern   |  |  | | --- | --- | | X | Y | | 1 | 2 | | 2 | 4 | | 3 | 6 | | 12. Evaluate the expression below if m = 14  M – 9 |
| 13. Write an equation to describe the pattern   |  |  | | --- | --- | | X | Y | | 3 | 9 | | 4 | 12 | | 8 | 24 | | 14. Evaluate the expression below if c = 8  C + 2 | 15. Simplify by combining like terms  9m + 5m – 4 | 16. If the table in #13 were extended, what would the y value be if x=2? |
| 17. Write an equation to describe the pattern   |  |  | | --- | --- | | X | Y | | 10 | 5 | | 8 | 4 | | 6 | 3 | | 18. Solve  x + 5 = 15 | 19. Solve if b = 2  2b – b + 3 | 20. Solve if j = ½  8.3 – j |
| 21. Evaluate the expression if s = 6  4s | 22. Evaluate the expression if n = 2 and r =5  3nr | 23. Evaluate the expression if r = 5  130 – r | 24. Evaluate the expression if n =2 and r=5 and s = 6  n + r – s |
| 25. Evaluate the expression if n=2 and r =5 and s=6  n(s x r) | 26. Evaluate the expression if s=7  (56s)+2 | 27. Evaluate the expression if x = 5 and y = 14  2x + 4 + y | 28. Evaluate the expression if a = 3 and b = 8  ab – 4 |

**Athens**

*(EE.B.8)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. Solve the inequality below: | 2. Solve for m. Represent your answer on a number line | 3. Which equation shows the commutative property of addition?  a) 4 + -4 = 0  b) 4 + 0 = 4  c) 4 + 2 = 2 + 4  d) 4 + 2 = 6 | 4. Write an inequality to represent the given situation:  You can invite no more than 20 friends to your party |
| 5. Represent the inequality on a number line | 6. Write an inequality to represent the given situation:  *Everyone in the class earned at least an 80% on their math test* | 7. Represent the inequality on a number line | 8. Write an inequality to represent the given situation:  *George made at least $100 at work yesterday* |
| 9. Solve for m | 10. Write a possible solution for the inequality | 11. Write an inequality to represent the given situation:  *Homer wants to sell no more than 100 tickets* | 12. You are selling cupcakes for $2. You need to make at least $20 to make back the money you spent to make them. Write an inequality to represent the situation. |
| 13. Solve the inequality in #12 to determine how many cupcakes you need to sell to make your money back. | 14. You are buying tickets for rides at a carnival. Tickets cost $2 each. You want to spend no more than $30 on tickets. Write an inequality to represent this situation. | 15. Solve the inequality in #14 to determine how many tickets you can buy | 16. Write an inequality to represent the given situation:  *The trip will take at least 9 hours* |
| 17. Solve the inequality | 18. Solve the inequality | 19. Write a possible solution for the inequality below: | 20. Cooper spent at least $25 at a music concert. Write an inequality that fits this situation |
| 21. What are three possible amounts that Cooper could have spend in #20? | 22. Graph your inequality from #20 | 23. Graph your inequality from #13 | 24. Graph your inequality from #6 |

***Play the matching game with the inequality cards***

**Lima**

*(G.A.1)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. You want to paint the four walls in your bedroom. Each wall is 9 feet tall by 12 feet wide. What is the area of all four walls? | 2. One gallon of paint costs $32 and will cover 200 square feet. How many full gallons of paint will you need? | 3. How much money will you spend on paint? (Use #1 and #2) | 4. You decided to only paint three walls. How many gallons of wait will you need? How much will you have to spend? (Use #1, #2, and #3) |
| 5. What is the area of each pair of sides of the prism?  8 by 4 ½ side = \_\_\_\_\_  4½ by 3¾ side =\_\_\_\_  3 ¾ by 8 side = \_\_\_\_\_ | 6. You are given a cube that measures 7 ¾ inches on each side. You plan to make the cube with ¼ inch cubes. How many ¼ inch cubes will it take to line up across the bottom of ONE side of the larger cube? | 7. Label the height of the given triangle: | 8. Given the same scenario in #6, how many ¼ inch cubes would it take to cover one whole side of the larger cube? |
| 9. If you wanted to paint the prism in #5, and paint costs $1.50 per square foot of coverage, how much would you spend on paint? | 10. Your backyard is shaped like a rectangle and measure 45 ½ feet by 50 feet. You want to put a fence around your backyard. How much fencing will you need? | 11. The fence you want costs $3 per foot. How much will the fence cost in #10? | 12. You decide to plant new grass in your backyard. Determine the area of your backyard to figure out how much grass seed you need from #10. |
| 13. Grass seed costs $1.50 per square foot. How much will you spend on grass seed from #12? | 14. What is the area of the shape below?  6 in  6in  7in | 15. Find the area of the shape belowMacintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 4.33.31 PM.png | 16. Find the area of the shape:  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 4.34.58 PM.png |
| 17. What is the formula for finding the area of a triangle? | 18. Which triangle is labeled correctly?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 4.36.02 PM.png | 19. Find the perimeter of the figure below:  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 4.41.43 PM.png | 20. Find the area of the shape in #19 |

**Barcelona**

*(G.A.2)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. How many 1 inch cubes would you need to build a larger cube with 8 inch sides? (Building the cube means completely fillng it in) | 2. How many 2 inch cubes would you need to build a larger cube with 8 inch sides? (Use #1) | 3. How many 4 inch cubes would you need to build a larger cube with 8 inch sides? (Use #1) | 4. How many 1 inch cubes would you need to build a rectangular prism that measure 2 inches by 4 inches by 10 inches? |
| 5. Determine the volume of the prism:  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 4.55.15 PM.png | 6. What is the volume of the prism?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 4.55.46 PM.png | 7. How many 1 inch cubes would you need to build a larger cube with 9 inch sides (Building the cube means completely filling it in) | 8. How many 3 inch cubes would you need to build a larger cube with 9 inch sides? |
| 9. How many 1 inch cubes would you need to build a rectangular prism that measure 3 inches by 9 inches by 12 inches? | 10. How many 3 inch cubes would you need to build a rectangular prism that measures 3 inches by 9 inches by 12 inches? | 11. A gift is shaped like a cube and has an edge length of 5 ¾ inches. What is the volume of the cube? | 12. What is the formula for finding the volume of a rectangular prism? |
| 13. What is the volume of the prism?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 5.07.49 PM.png | 14. What is the volume of the shape below?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 5.08.34 PM.png | 15. You only want this shape to be 1/3 of the way full. What will the volume be when it is filled to the level you want? | 16. What is the volume of a cube with a side length of 7 ¾ inches? |
| 17. What is the volume of the prism?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 5.10.24 PM.png | 18. Find the volume of the cube:  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 5.12.56 PM.png | 19. Find the volume of the prism:  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-19 at 5.13.05 PM.png | 20. How many ½ inch cubes would you need in order to fill the prism in #19? |

**Brasila**

*(G.A.3)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. What shape is formed?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.06.57 PM.png | 2. What is the area of the shape in #1? | 3. Draw a polygon with the given vertices.  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.08.26 PM.png | 4. What is the area of the shape you drew in #3? |
| 5. Connect the points below. What shape is formed?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.09.58 PM.png | 6. What is the area of the shape in #5 if each unit on the graph is 2 inches? | 7. Find the area of the shape  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.10.55 PM.png | 8. What is the name of the shape in #7? |
| 9. Find the area of the shape  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.12.00 PM.png | 10. Find the area of the shape  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.12.47 PM.png | 11. Draw a polygon with vertices at (4,2), (4, -2), (0, 2) and (0, -2). What shape is this? | 12. What is the area of the shape you drew in #11? |

**Buenos Aires **

*(G.A.4)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. What shape is formed by the bet below?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.15.55 PM.png | 2. Draw what a net for a cylinder might look like. | 3. What is the surface area of cube with a side length of 7 ¾ inches? | 4. Draw what a net for a rectangular prism would look like. |
| 5. Suppose the picture below is wrapping paper for a gift. What is the surface area?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.18.30 PM.png | 6. What is the volume of the shape in #5? | 7. What type of shape is being represented in #5? | 8. You want to have the gift in #5 professionally wrapped. The fee is $0.50 per square centimeter. How much will you pay to have the gift wrapped? |
| 9. Draw the net for a triangular prism | 10. Draw the net for a cone | 11. Draw the net for a square pyramid | 12. Draw a net for a cube |

**Cairo, Egypt**

*(SP.A.1)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. If a political group asked voters waiting in line to vote the question in #12, what would be the population? | 2. What would be the variability in #12? | 3. What would be the variability in #14? | 4. To decide if a new movie should be shown this Friday, a movie theatre invited 50 people to view the movie and answer the question in #14. What would the population be? |
| 5. Is the question below a statistical question? Why or why not?  What is the typical size pizza ordered at Pat’s Pizza Place on a Friday night? | 6. Is the question below a statistical question? Why or why not?  What is the typical price of a 32 inch TV? | 7. Is the question below a statistical question? Why or why not?  How many students in your class have brown hair? | 8. Is the question below statistical? Why or why not?  Is 5 an even or odd number? |
| 9. Is the question below statistical? Why or why not?  How many students in your class passed their last math test? | 10. Is the question below statistical? Why or why not?  What is the typical age that students start playing sports? | 11. What makes a question a statistical question? | 12. Is the question below statistical? Why or why not?  Who are the two major candidates running for president this year? |
| 13. Is the question below statistical? Why or why not?  About how much time do you spend reading each day? | 14. Is the question below statistical? Why or why not?  Did you enjoy the movie? | 15. Is the question below statistical? Why or why not?  How many clubs and sports are open to sixth graders at this school? | 16. Write a question that is non-statistical. What makes it non-statistical? |
| 17. What is the variability in #5? How do you know this? | 18. If the question in #7 is asked to the people in your 5th period class, what would the variability be? | 19. What is the variability for the question asked in #8? | 20. Write a question that is statistical. What makes it statistical? |

**Nairobi**

*(SP.A.2)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. The line plot below shows the number of soda Chase drank each day over the last 2 weeks  What is the mean?Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.46.38 PM.png | 2. What is the median number of sodas Chase drank each day over the last two weeks? (Use #1) | 3. What is the range of sodas Chase drank each day over the last two weeks? (Use #1) | 4. Here are the heights of 6th graders below:  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.23.10 PM.png  Make a line plot to show this data |
| 5. Does the data from #4 appear to be equally distributed or skewed in one direction? | 6. Are their any outliers in #4? What are they? | 7. Is the range a measure of center or a measure of variability? | 8. Is the mean a measure of center or a measure of variability? |

***Complete p. 274 and 275 # 2-8***

**Tripoli**

*(SP.A.3)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. Below are the heights (in inches) in students in a 6th grade math class    What is the range of the data? | 2. What is the median for the data in #1? | 3. What is the mode for the data in #1? | 4. What is the range for the data in #1? |
| 4. The ages of people enrolled in an adult art class at the library are shown in the table below:  What is the average age of people enrolled in the art class?Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 2.23.10 PM.png | 5. What is the median for the data in the table in #4? | 6. What is the mode for the data given in #4? | 7. What is the range for the data given in #4? |
| 9. The birth weight of the last 20 babies born at a local hospital are shown in the table below:  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 3.02.35 PM.png  What is the average birth weight? | 10. What is the median birth weight of the last 20 babies born at the local hospital according to the table in #9? | 11. What is the mode of the data in the birth weight chart in #9? | 12. What is the range for the data given in #9? |
| 13. Your scores on your last 6 math quizzes:  59, 70, 85, 72, 90, 88  Determine the mean | 14. What must you get on your next quiz to have an average score of 80? (Use #13) | 15. Determine the mean of the ages of people at a local park:  15, 18, 4, 10, 12, 10 | 16. Explain the meaning of the mean in the context of the problem in #15. |

***Complete p. 278 – 279 #15 – 19***

**CapeTown**

*(SP.B.4, SP.B.5)*

|  |  |  |  |
| --- | --- | --- | --- |
| 1. Inches of snow from New York are displayed in the bar graph below  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 3.10.10 PM.png  Make a box plot with this information | 2. Describe the distribution from #1 once you make a box plot | 3. Is there an outlier in your box plot from #1? Explain how you know this. | 4. What is the interquartile range of the data in the box plot below?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 3.12.15 PM.png |
| 5. What is the range from #4? | 6. What is the median temperature in #4? | 7. What is the lower quartile from #4? | 8. What is the upper quartile from #4? |
| 9. What is the interquartile range of the data in the box plot below?  Macintosh HD:Users:ivyadmin:Desktop:Screen shot 2014-03-20 at 3.14.25 PM.png | 10. What is the range and median from #9? | 11. What is the lower quartile from #9? | 12. What is the upper quartile from #9? |

***Complete p. 290-291 #14-19***

**Atlanta**

*Ratios (RP.A.1)*

Complete the following questions FIRST:

**1, 4, 9, 10, 19, 25, 27**

Then pick 3 other questions to complete

Number your paper like so:

1.

4.

9.

10.

19.

25.

27.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**New York**

*Proportions (RP.A.2, RP.A.3)*

Complete the following questions FIRST:

**6, 7, 16, 17, 19, 23, 26, 33, 45, 51, 52**

Then pick 3 other questions to complete

Number your paper like so:

6.

7.

16.

17.

19.

23.

26.

33.

45.

51.

52.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Beijing**

*Dividing Numbers (NS.A.1, NS.B.2)*

Complete the following questions FIRST:

**1, 4, 10, 16, 23**

Then pick 5 other questions to complete

Number your paper like so:

1.

4.

10.

16.

23.

\_\_\_.

\_\_\_.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Tokyo**

*Decimals (NS.B.3)*

Complete the following questions FIRST:

**7, 13, 20, 23, 29, 32**

Then pick 4 other questions to complete

Number your paper like so:

7.

13.

20.

23.

29.

32.

\_\_\_.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**New Delhi**

*Integers (NS.C.5, NS.C.7)*

Complete the following questions FIRST:

**1, 4, 6, 7, 9, 11, 20, 27, 28**

Then pick 1 other question to complete

Number your paper like so:

1.

4.

6.

7.

9.

11.

20.

27.

28.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Sydney**

*Coordinate Plane (NS.C.6)*

Complete the following questions FIRST:

**4, 8, 13, 14**

Then pick 6 other questions to complete

Number your paper like so:

4.

8.

13.

14.

\_\_\_.

\_\_\_.

\_\_\_.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Moscow**

*Factors, Multiples (NS.C.4)*

Complete the following questions FIRST:

**2, 3, 15, 16, 18, 21, 22, 23, 27, 31**

Then pick 1 other questions to complete

Number your paper like so:

2.

3.

15.

16.

18.

21.

22.

23.

27.

31.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Paris**

*Exponents (EE.A.1, EE.A.2, EE.A.4)*

Complete the following questions FIRST:

**8, 11, 20, 23, 26, 28**

Then pick 4 other questions to complete

Number your paper like so:

8.

11.

20.

23.

26.

28.

\_\_\_.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Rome**

*Words to Expressions (EE.A.2, EE.B.6)*

Complete the following questions FIRST:

**1, 5, 6, 13, 17, 18, 24, 28**

Then pick 2 other questions to complete

Number your paper like so:

1.

5.

6.

13.

17.

18.

24.

28.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Dublin**

*One-Step Equations (EE.B.5)*

Complete the following questions FIRST:

**1, 3, 5, 13, 14, 18, 19**

Then pick 3 other questions to complete

Number your paper like so:

1.

3.

5.

13.

14.

18.

19.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Berlin**

*Solve Equations (EE.B.7, EE.B.9)*

Complete the following questions FIRST:

**1, 2, 11, 15, 17, 19, 24, 27, 28**

Then pick 1 other questions to complete

Number your paper like so:

1.

2.

11.

15.

17.

19.

24.

27.

28.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Athens**

*Inequalities (EE.B.8)*

Complete the following questions FIRST:

**1, 4, 9, 10, 20, 21, 22**

Then pick 3 other questions to complete

Number your paper like so:

1.

4.

9.

10.

20.

21.

22.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Lima**

*Area (G.A.1)*

Complete the following questions FIRST:

**7, 10, 11, 14, 19, 20**

Then pick 4 other questions to complete

Number your paper like so:

7.

10.

11.

14.

19.

20.

\_\_\_.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Barcelona**

*Volume (G.A.2)*

Complete the following questions FIRST:

**1, 2, 8, 14, 15, 17, 19**

Then pick 3 other questions to complete

Number your paper like so:

1.

2.

8.

14.

15.

17.

19.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Brasilia**

*Polygons on Coordinate Plane (G.A.3)*

Complete the following questions FIRST:

**1, 5, 7, 9, 11, 12**

Then pick 4 other questions to complete

Number your paper like so:

1.

5.

7.

9.

11.

12.

\_\_\_.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Buenos Aires**

*Nets (G.A.4)*

Complete ALL the questions!

**1 – 12**

Then pick 3 other questions to complete

Number your paper like so:

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to re-do at least 5 problems in order to move back to the quiz.

**Cairo**

*Statistical vs. Non-Statistical (SP.A.1)*

Complete the following questions FIRST:

**1, 3, 5, 12, 14, 16, 17, 20**

Then pick 2 other questions to complete

Number your paper like so:

1.

3.

5.

12.

14.

16.

17.

20.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Nairobi**

*Line Plots (SP.A.2)*

Complete the following questions FIRST:

**4, 5, 6, 7, 8**

**P. 275 2, 3, 4, 5, 6**

Number your paper like so:

4.

5.

6.

7.

8.

2.

3.

4.

5.

6.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**Tripoli**

*Measures of Central Tendency (SP.A.3)*

Complete the following questions FIRST:

**1, 2, 3, 4**

**P.279 15, 16, 19b**

Then pick 3 other questions to complete

Number your paper like so:

1.

2.

3.

4.

15.

16.

19b.

\_\_\_.

\_\_\_.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.

**CapeTown**

*Box Plots, Line Plots, Histograms (SP.B.5, SP.B.4)*

Complete the following questions FIRST:

**1, 2, 3, 4, 5, 8**

**P.291 14, 15, 18**

Then pick 1 other question to complete

Number your paper like so:

1.

2.

3.

4.

5.

8.

14.

15.

18.

\_\_\_.

BOX your final answer and show ALL your work.

If you do not master the quiz, you will need to pick 5 other problems that you did not already complete.