**How long does soil take to form?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (so it’s NONrenewable)

**What are some things that humans do that speeds up erosion?**

1 –\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (cutting down trees for homes, furniture, paper)

2 – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (to get natural resources)—must \_\_\_\_\_\_\_\_\_\_ the area when done

3 – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (roads, buildings, communities)

4- too much \_\_\_\_\_\_\_\_\_\_

Example: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1930’s) in Kansas/Oklahoma area (began as a severe \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and poor farming practices)—led to The \_\_\_\_\_\_\_\_\_\_Bowl

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SO …What can we do to **reduce soil erosion** (conserve)

1. plant more **plants** (\_\_\_\_\_\_\_ breakers)—to slow down the wind/water **and** the roots hold in soil

2. contour \_\_\_\_\_\_\_\_\_\_\_\_\_\_--for hilly areas (plow perpendicular to water flow)

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_--for **steep** hills/mountains (make **STEPS**)

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ farming (don’t plow the ground after harvesting)

5. plant \_\_\_\_\_\_\_\_\_\_\_\_\_ crop between harvests to restore nutrients and prevent wind/water erosion

6. crop \_\_\_\_\_\_\_\_\_\_\_\_\_\_ --plant different crops each year (helps replenish nutrients to soil)

