KEY

## NAME

## **TOPOGRAPHIC MAPS - REVIEW**

3. What is the scale (stated as a ratio) of a map where linch = 1 mile? Show your calculations.

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4. On a map drawn to a scale of linch = 1 mile, what distance on the map represents 2,000 feet? Show your calculations.  $\lim_{n \to \infty} |m| = 5280f7$   $\lim_{n \to \infty} |m| = 5280f7$ 

5. What is the scale (stated as a ratio) of a map where 1'' = 2,000'? Show your calculations? 1'' = 2000 ft = 24,000 m

1:24,000

- 6. On a map drawn to a scale of 1:100,000, what distance is represented by 3 inches? Show your calculations.  $(3in)(100,000) = 300,000in \frac{1}{12} = 25,000fr$
- 7. On a map drawn to a scale of 1:100,000, what distance is represented by 3 cm? Show your calculations.  $(3cm) (100,000) = 300,000 cm \frac{lm}{100 cm} = 300 m$
- 8. A 4"-long ridge on an air photo is 2 miles on a map. What is the photo scale?

$$4in = 2in = 5280 \text{ ft} = 126720 \text{ in}$$

$$\frac{1}{100} = 126720 \text{ in}$$