

Ratios and Proportions Blitz

Date _____ Period _____

State if each pair of ratios forms a proportion.

1) $\frac{4}{12}$ and $\frac{2}{3}$

2) $\frac{8}{4}$ and $\frac{4}{2}$

3) $\frac{12}{8}$ and $\frac{3}{2}$

4) $\frac{3}{2}$ and $\frac{12}{4}$

Solve each proportion.

5) $\frac{8}{2} = \frac{k}{4}$

6) $\frac{3}{9} = \frac{9}{n}$

7) $\frac{v}{2} = \frac{2}{8}$

8) $\frac{x}{8} = \frac{4}{5}$

Answer each question and round your answer to the nearest whole number.

9) Maria reduced the size of a rectangle to a height of 4 in. What is the new width if it was originally 6 in wide and 8 in tall?

10) A photo is 3 in tall and 1 in wide. If it is enlarged to a width of 3 in, then how tall will it be?