

Proportions and Similar Figures Bell Work

1. The proportion $\frac{a}{b} = \frac{c}{d}$ can be written as:

- a. $a : b = c : d$
- b. $a : b :: c : d$
- c. $a : c = b : d$
- d. Both a and b

2. In proportions, which one of the following statements is true?

- a. product of means > product of extremes
- b. product of means < product of extremes
- c. product of means = product of extremes
- d. None of these

3. The proportion $3 : 4 : 5$ can be written as :

- a. $\frac{2}{4} = \frac{3}{5}$
- b. $\frac{2}{3} = \frac{4}{5}$
- c. $\frac{2}{5} = \frac{3}{2}$
- d. None of these

4. The two figures are similar if they have :

- a. Same shape and size
- b. Same shape but different sizes
- c. Different shape and size
- d. None of these

Name: _____ Period: _____ Date: _____

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Answers:

1. d
2. c
3. b
4. b