

Ratio and proportion

worksheet



1. A pack of 50 napkins can be purchased for \$2.88. Which ratio represents the cost per napkin?

$$\frac{50}{2.88}$$

$$\frac{2.88}{50}$$

2. Fill in the blank. If the ratio of teachers to students at a school is 5 to 100, then for every one teacher, there are _____ students.

3. Solve the proportion for x .

$$\frac{3}{x} = \frac{20}{4}$$

4. Circle the option that gives the lowest unit price per battery.

- a. Buying a 6-pack of batteries for \$5.88.
- b. Buying a 10-pack of batteries for \$9.99.

5. Which choice represents 5 yds^2 when converted to in^2 ?

$$180 \text{ in}^2$$

$$60 \text{ in}^2$$

$$20 \text{ in}^2$$

$$6,480 \text{ in}^2$$



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KEY POINTS

Ratio

Proportion

Cross multiplication

Unit price

Unit multipliers

NOTES