

Numerical Proportions



Name Class Date

1

What is the **ratio** of squares to circles in the figure shown?

- $\mathbf{A} \frac{3}{5}$
- C -
- 2

The quotient of $\frac{2 \text{ yards}}{8 \text{ feet}}$ is a ratio.

True or false?

- A true
- B false

3

There are two animal hospitals.
At hospital A, there are 8 dogs and 6 cats.
At hospital B, there are 12 dogs and 14 cats. What is the ratio of cats at hospital A compared to hospital B?



The Heroes soccer team has a record of 16 wins and 6 losses. The Champions soccer team has a record of 18 wins and 7 losses. Which team has the better record?





PREVIEW



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- **A** \$8.15
- **B** \$8.20
- C \$8.25
- **D** \$8.30

- A 21 mph
- **B** 51 mph
- C 59 mph
- **D** 63 mph



A four-wheeler travels 130 miles in 6.5 hours. A dirt bike travels 112 miles in 4 hours. Which vehicle is faster?

- A four-wheeler
- B dirt bike
- C same speed
- **D** need more information

10

Which is a **better buy**, a **13-oz** box of cereal for **\$4.39** or a **15-oz** box of cereal for **\$5.29**?

- A 13-oz box
- B 15-oz box
- C same price
- D need more information



Numerical Proportions



Date Name Class What is the ratio of squares to circles in The quotient of $\frac{2 \text{ yards}}{8 \text{ feet}}$ is a ratio. the figure shown? True or false? D(B) A true **B** false 3 The Heroes soccer team has a record of 16 There are two animal hospitals. wins and 6 losses. The Champions soccer At hospital A, there are 8 dogs and 6 cats. team has a record of 18 wins and 7 losses. At hospital B, there are 12 dogs and 14 Which team has the better record? cats. What is the ratio of cats at hospital A compared to hospital B? 5 B **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet D A \$8.15 A 21 mph **B** \$8.20 **B** 51 mph C \$8.25 C 59 mph **D** \$8.30 **D** 63 mph 9 A four-wheeler travels 130 miles in Which is a better buy, a 13-oz box of 10 6.5 hours. A dirt bike travels 112 miles cereal for \$4.39 or a 15-oz box of cereal in 4 hours. Which vehicle is faster? for \$5.29? A four-wheeler A 13-oz box B dirt bike B 15-oz box C same speed C same price **D** need more information **D** need more information