Numerical Proportions

Math

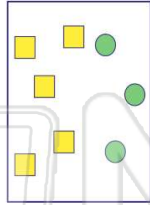Name_____ Class_____ Date_____

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

A $\frac{3}{5}$ C $\frac{4}{3}$

B $\frac{3}{4}$ D $\frac{5}{3}$

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?

4 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?

5

7

A $8.15
B $8.20
C $8.25
D $8.30

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

9 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
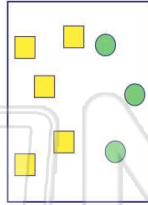D need more information

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D

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PREVIEW

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