



Interpret ratios in context

1

Solve for the ratio of lengths of line m over line x

$$m=7$$

$$x=21$$

$$\frac{m}{x} = ?$$

A $\frac{m}{x} = 2.14$

B $\frac{m}{x} = 0.33$

C $\frac{m}{x} = 0.67$

D $\frac{m}{x} = 0.88$

E $\frac{m}{x} = 0.13$

F $\frac{m}{x} = 1.50$

2

What is the (simplest) ratio of boys to girls?

boys : 3

girls : 4

A 6:6

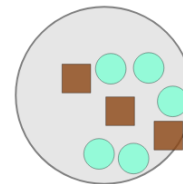
B 3:4

C 9:7

D 10:6

3

What is the (simplest) ratio of circles to squares?



A 5:3

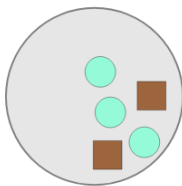
B 14:2

C 1:4

D 2:8

4

What is the (simplest) ratio of squares to ALL shapes?



A 7:9

B 2:5

C 3:11

D 1:7

5

What is the (simplest) ratio of soccer balls to ALL balls?

tennis balls : 20

soccer balls : 16

A 4:9

B 6:1

C 1:14

D 2:4

6

What is the (simplest) ratio of boys to girls?

boys : 5

girls : 2

A 7:8

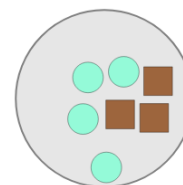
B 6:1

C 7:9

D 5:2

7

What is the (simplest) ratio of circles to squares?



A 4:3

B 3:6

C 6:1

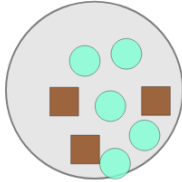
D 5:11



Interpret ratios in context

8

What is the (simplest) ratio of squares to ALL shapes?



- | | | | |
|--------|--------|--------|-------|
| A 6:17 | B 6:13 | C 4:11 | D 3:8 |
|--------|--------|--------|-------|

9

What is the (simplest) ratio of soccer balls to ALL balls?

tennis balls : 6

soccer balls : 9

- | | |
|-------|-------|
| A 2:2 | B 3:5 |
| C 8:7 | D 5:2 |

10

What is the (simplest) ratio of boys to girls?

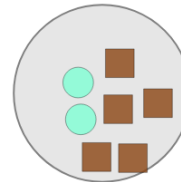
boys : 4

girls : 5

- | | |
|--------|--------|
| A 10:1 | B 4:5 |
| C 6:1 | D 1:11 |

11

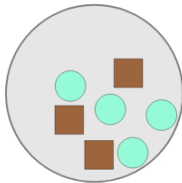
What is the (simplest) ratio of circles to squares?



- | | | | |
|-------|--------|--------|-------|
| A 2:5 | B 6:12 | C 1:10 | D 7:1 |
|-------|--------|--------|-------|

12

What is the (simplest) ratio of squares to ALL shapes?



- | | | | |
|---------|--------|--------|-------|
| A 12:10 | B 11:8 | C 6:16 | D 3:7 |
|---------|--------|--------|-------|