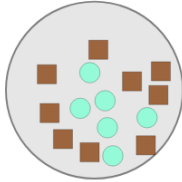




Solve part-to-part ratio problems

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



A 8:8 B 2:3 C 6:4 D 6:1

- 2** How many tennis balls are there?
tennis balls : ?
soccer balls : 5
(tennis : soccer) = (2 : 5)

A 2 B 3
C 4 D 9

- 3** This sauce needs 20 ml of mustard for every 16 ml of ketchup. How much mustard is needed if you have 4 ml of ketchup



A 2 ml B 8 ml C 5 ml D 1 ml

- 4** This sundae needs 24 ml of strawberry for every 30 ml of chocolate. How much strawberry is needed if you have 10 ml of chocolate



A 11 ml B 8 ml C 3 ml D 5 ml

- 5** This paint color needs 11 ml of blue for every 8 ml of magenta. How much blue is needed if you have 24 ml of magenta



A 32 ml B 33 ml C 39 ml D 29 ml

- 6** What is the total number of balls?
tennis balls : 10
soccer balls : ?
(tennis : soccer) = (5 : 2)

A 23 B 10
C 22 D 14

- 7** How many soccer balls are there?

ALL balls : 5
(tennis : soccer) = (3 : 2)

A 2 B 6
C 7 D 3

- 8** What is the total number of pets?

cats : ?
dogs : 20
(cats : dogs) = (4 : 5)

A 9 B 21
C 36 D 6

**Solve part-to-part ratio problems****9**

How many soccer balls are there?

ALL balls : 8

(tennis : soccer) = (5 : 3)

A

9

B

3

C

2

D

7

10

What is the total number of kids?

boys : ?

girls : 12

(boys : girls) = (2 : 3)

A

4

B

32

C

20

D

8

11

How many girls are there?

ALL kids : 8

(boys : girls) = (3 : 5)

A

10

B

8

C

5

D

4

12

What is the total number of pets?

cats : 20

dogs : ?

(cats : dogs) = (5 : 4)

A

21

B

36

C

9

D

48