







Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_


1 What is the **ratio** of  shapes to all shapes?



**A** 4:12  
**B** 4:4  
**C** 4:8  
**D** 1:12




2 What is the **ratio** of  shapes to  shapes ?



**A** 3:11  
**B** 3:4  
**C** 4:3  
**D** 1:12



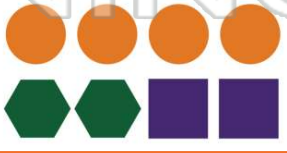
3 What is the **ratio** of  to  ?

**A** 50:1  
**B** 1:15  
**C** 5:10  
**D** 5:5



4 What is the **ratio** of  to  ?

**A** 2:4  
**B** 2:10  
**C** 2:6  
**D** 4:4





## PREVIEW

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marbles to blue marbles?

**A** 1:20      **C** 8:12  
**B** 8:20      **D** 8:27




of blue marbles to purple marbles?

**A** 1:9      **C** 9:17  
**B** 9:14      **D** 9:5




9 Amanda has 16 blue marbles, 10 red marbles, and 12 orange marbles in her pocket. What is the **ratio** of blue marbles to orange marbles?

**A** 16:12  
**B** 1:12  
**C** 16:38  
**D** 16:28



10 Sal has 5 blue marbles, 15 orange marbles, 13 yellow marbles, and 17 green marbles. What is the **ratio** of orange marbles to the total number of marbles?

**A** 5:50      **C** 20:50  
**B** 15:50      **D** 50:15

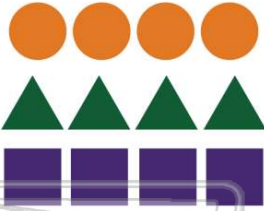




## ANSWER KEY

What is the **ratio** of  shapes to all shapes?

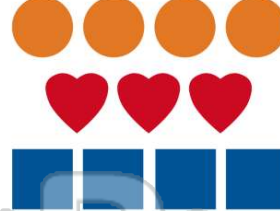
- A** 4:12
- B** 4:4
- C** 4:8
- D** 1:12



(a)

What is the **ratio** of  shapes to  shapes ?

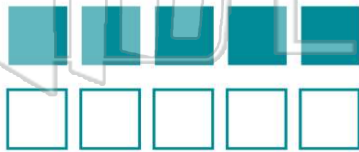
- A** 3:11
- B** 3:4
- C** 4:3
- D** 1:12



(b)

What is the **ratio** of  to  ?

- A** 50:1
- B** 1:15
- C** 5:10
- D** 5:5



(d)

What is the **ratio** of  to  ?

- A** 2:4
- B** 2:10
- C** 2:6
- D** 4:4



(c)



## PREVIEW

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- A** 1:20
- B** 8:20
- C** 8:12
- D** 8:27



purple marbles?

- A** 1:9
- B** 9:14
- C** 9:17
- D** 9:5

Amanda has 16 blue marbles, 10 red marbles, and 12 orange marbles in her pocket. What is the **ratio** of blue marbles to orange marbles?

- A** 16:12
- B** 1:12
- C** 16:38
- D** 16:28



(a)

Sal has 5 blue marbles, 15 orange marbles, 13 yellow marbles, and 17 green marbles.

What is the **ratio** of orange marbles to the total number of marbles?

- A** 5:50
- B** 15:50
- C** 20:50
- D** 50:15



(b)