











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

1 Keri has a bag of marbles. There are 14 black marbles, 7 blue marbles, and 8 green marbles. What is the **ratio** of black marbles to **all** the marbles?

- A 14:29 
- B 7:29 
- C 1:14 
- D 14:14 

2 Tom's bag of marbles contains 11 black marbles, 9 violet marbles, and 17 green marbles. What is the **ratio** of **all** the marbles to green marbles?

- A 17:37 
- B 37:17 
- C 17:17 
- D 1:37 

3 Jenny has the following marbles in her collection: 9 black, 19 purple, 10 green, and 3 orange. What is the **ratio** of **all** the marbles to black marbles?

- A 9:41 
- B 1:41 
- C 1:41 
- D 1:41 

4 Jake has 19 black marbles and 2 blue marbles. What is the **ratio** of blue marbles to black marbles?

- A 2:21 
- B 2:19 
- C 19:2 

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## PREVIEW

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- A 13:24 
- B 13:4 
- C 4:13 
- D 4:24 

- A 7:19 
- B 7:28 
- C 19:7 
- D 19:24 

9

Amanda has 17 blue marbles, 4 orange marbles, and 18 violet marbles in her pocket. What is the **ratio** of blue marbles to violet marbles?

- A 17:18 
- B 17:39 
- C 18:39 
- D 18:17 

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

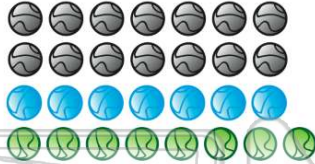
- A 5:50 
- B 15:50 
- C 20:50 
- D 50:15 



## ANSWER KEY

Keri has a bag of marbles. There are 14 black marbles, 7 blue marbles, and 8 green marbles. What is the **ratio** of black marbles to **all** the marbles?

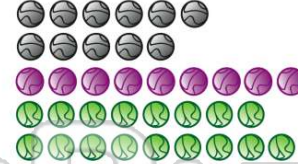
- A 14:29
- B 7:29
- C 1:14
- D 14:14



(a)

Tom's bag of marbles contains 11 black marbles, 9 violet marbles, and 17 green marbles. What is the **ratio** of **all** the marbles to green marbles?

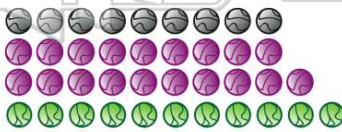
- A 17:37
- B 37:17
- C 17:17
- D 1:37



(b)

Jenny has the following marbles in her collection: 9 black, 19 purple, 10 green, and 3 orange. What is the **ratio** of **all** the marbles to black marbles?

- A 9:41
- B 1:41
- C 41:9
- D



(c)

Jake has 19 black marbles and 2 blue marbles. What is the **ratio** of blue marbles to black marbles?

- A 2:21
- B 2:19
- C 19:2
- D 2:9



(b)



## PREVIEW

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- A
- B 13:4
- C 4:13
- D 4:24



(a)

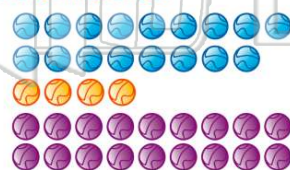
- B 7:28
- C 19:7
- D 19:24



(b)

Amanda has 17 blue marbles, 4 orange marbles, and 18 violet marbles in her pocket. What is the **ratio** of blue marbles to violet marbles?

- A 17:18
- B 17:39
- C 18:39
- D 18:17



Sal has 5 black marbles, 15 orange marbles, 13 blue marbles, and 17 green marbles. What is the **ratio** of orange marbles to **all** the marbles?

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

