



Mean with Shapes - set samples - paper 1

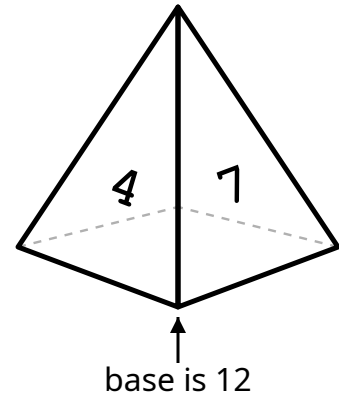
Calculate the total value from the mean to find the hidden numbers.

1. The mean of the numbers on the faces of the square-based pyramid shown on the right is 7.

What are the two hidden numbers?

- A 4 and 10
- B 6 and 8
- C 3 and 8
- D 2 and 4
- E 2 and 10

ans _____

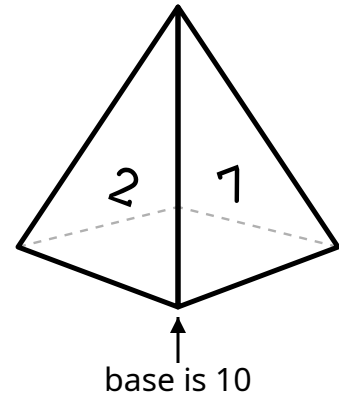


2. The mean of the numbers on the faces of the square-based pyramid shown on the right is 7.

What are the two hidden numbers?

- A 8 and 15
- B 4 and 10
- C 1 and 5
- D 4 and 9
- E 4 and 12

ans _____

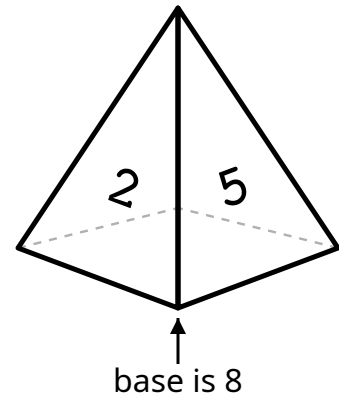


3. The mean of the numbers on the faces of the square-based pyramid shown on the right is 6.

What are the two hidden numbers?

- A 6 and 8
- B 2 and 12
- C 8 and 12
- D 1 and 9
- E 6 and 9

ans _____





Mean with Shapes - set samples - Answers

1. A square-based pyramid has 5 faces.

Mean is 7, so total is: $5 \times 7 = 35$

Visible numbers: $4 + 7 + 12 = 23$

Hidden numbers total: $35 - 23 = 12$

Only 2 and 10 add to 12.

Answer: 2 and 10 → E

2. A square-based pyramid has 5 faces.

Mean is 7, so total is: $5 \times 7 = 35$

Visible numbers: $2 + 7 + 10 = 19$

Hidden numbers total: $35 - 19 = 16$

Only 4 and 12 add to 16.

Answer: 4 and 12 → E

3. A square-based pyramid has 5 faces.

Mean is 6, so total is: $5 \times 6 = 30$

Visible numbers: $2 + 5 + 8 = 15$

Hidden numbers total: $30 - 15 = 15$

Only 6 and 9 add to 15.

Answer: 6 and 9 → E