

**Practice Questions for the 2019 Decathlon  
Math: (Middle School)**

1. Determine the sum  $-46.38 + (-24.6)$ .

- a. 70.98
- b. -70.98
- c. -21.78
- d. -48.84

3. Which number is not an integer?

- a. -7
- b. 4
- c.  $\frac{1}{2}$
- d. 0

4. What are the common factors of 32 and 28?

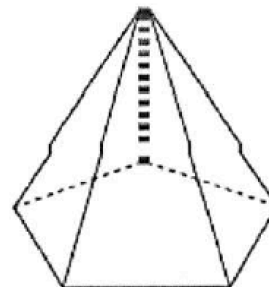
- a. 1, 2, and 4
- b. 1, 2, 4, and 7
- c. 1, 2, 4, and 8
- d. 1, 2, 4, 7, 8, 14, 16, 28, and 32

5. Which of the following is a prime number?

- a. 7
- b. 8
- c. 9
- d. 10

2.

How many vertices, edges, and faces does the following pyramid have?



- a. 5 vertices, 10 edges, 6 faces
- b. 5 vertices, 6 edges, 10 faces
- c. 6 vertices, 10 edges, 6 faces
- d. 6 vertices, 6 edges, 10 faces