

## Edges, Vertices, and Faces of Solids

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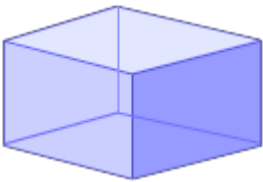
How many vertices does the given shape have?

1.



- 1       2  
 3       4

2.



- 8       7  
 6       9

3.



- 8       3  
 4       5

4.



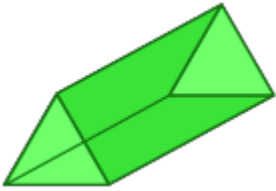
8

3

4

6

5.



8

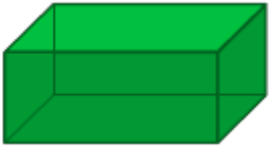
3

4

6

**How many edges does the given shape have?**

6.



12

14

10

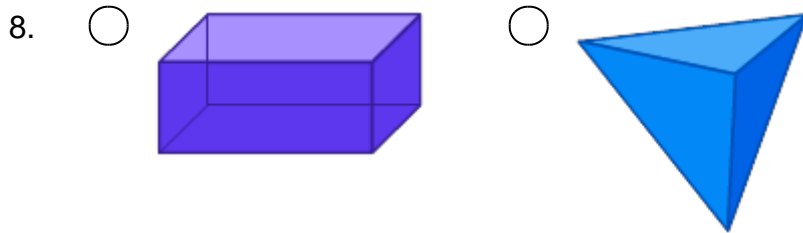
8

**Which of the following shapes has fewer edges?**

7.



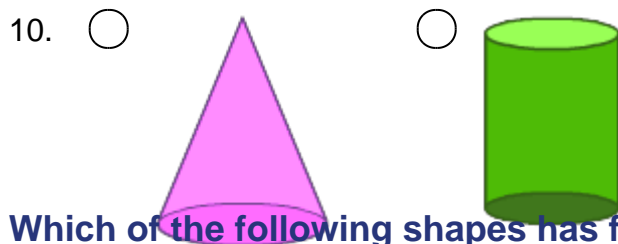
Which of the following shapes has 8 vertices?



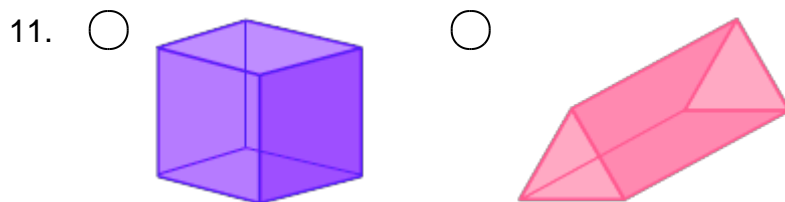
Which of the following shapes has fewer vertices?



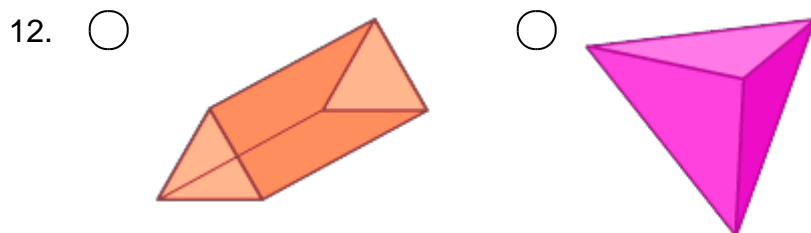
Which of the following shapes has 2 faces?



Which of the following shapes has fewer faces?



Which of the following shapes has 6 vertices?



Which of the following shapes has fewer edges?

13.



How many edges does a rubik's cube have?

14.  4

6

8

12

Sam puts two pyramids together so that their bases are touching. How many vertices are there in the new shape?

15.  1

5

3

4