

Q2 (3D Shape Properties) Day 32 Name: _____

1. Ruth has been set a problem by her teacher. She must **add together all the edges, vertices and faces of a sphere**. What should her answer be? Write your answer in the space below.

2. Sam has been set a problem by his teacher. He must **add together all the edges, vertices and faces of a triangular based pyramid**. What should his answer be? Write your answer in the space below.

3. Grace has been set a problem by her teacher. She must **add together all the edges, vertices and faces of a square based pyramid**. What should her answer be? Write your answer in the space below.

4. Barney has been set a problem by his teacher. He must **add together all the edges, vertices and faces of a cuboid**. What should his answer be? Write your answer in the space below.

5. Clare has been set a problem by her teacher. She must **add together all the edges, vertices and faces of a triangular prism**. What should her answer be? Write your answer in the space below.

6. Derek has been set a problem by his teacher. He must **multiply together all the edges, vertices and faces of a cylinder**. What should his answer be? Write your answer in the space below.

7. Clare has been set a problem by her teacher. She must **multiply together all the edges, vertices and faces of a triangular prism**. What should her answer be? Write your answer in the space below.

8. Max has been set a problem by his teacher. He must **multiply together all the edges, vertices and faces of a triangular based pyramid**. What should his answer be? Write your answer in the space below.

9. Annie has been set a problem by her teacher. She must **multiply together all the edges, vertices and faces of a square based pyramid**. What should her answer be? Write your answer in the space below.

10. Pat has been set a problem by his teacher. He must **multiply together all the edges, vertices and faces of a cuboid**. What should his answer be? Write your answer in the space below.

11. Gemma has been set a problem by her teacher. She must **multiply together all the edges, vertices and faces of a sphere**. What should her answer be? Write your answer in the space below.

12. Toby has been set a problem by his teacher. He must **multiply together all the edges, vertices and faces of a cube**. What should his answer be? Write your answer in the space below.

Answers

- 1. 1**
- 2. 14**
- 3. 18**
- 4. 26**
- 5. 20**
- 6. 6**
- 7. 270**
- 8. 96**
- 9. 200**
- 10.576**
- 11.0**
- 12.576**