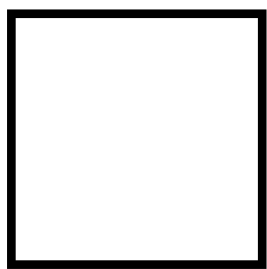


Reasoning about 3D Shapes

1a. Below is one shape from the net of a 3D shape.



triangular based pyramid

cube

square based pyramid

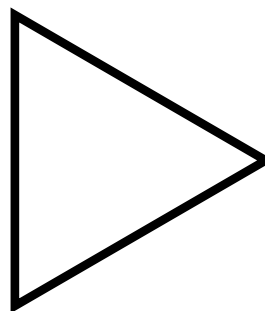
Which 3D shapes could you create?
Name the other 2D shapes you would need to complete the shape.



PS

Reasoning about 3D Shapes

1b. Below is one shape from the net of a 3D shape.



cuboid

square based pyramid

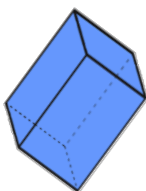
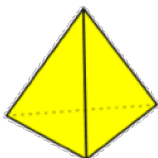
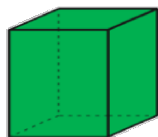
triangular based pyramid

Which 3D shapes could you create?
Name the other 2D shapes you would need to complete the shape.



PS

2a. Which of these 3D shapes could cast this shadow?

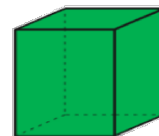
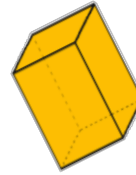
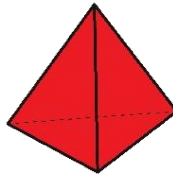


Explain your answer.



R

2b. Which of these 3D shapes could cast this shadow?

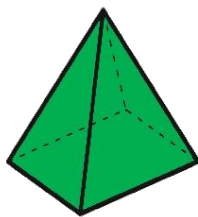
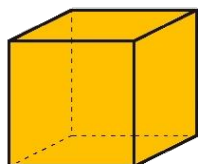
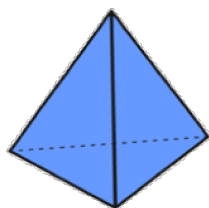


Explain your answer.



R

3a. Considering the properties of the shapes below, which is the odd one out?

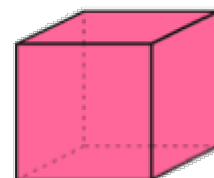
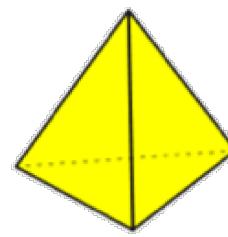
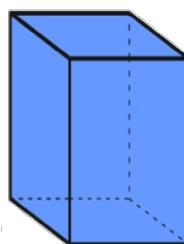


Explain your answer.



R

3b. Considering the properties of the shapes below, which is the odd one out?



Explain your answer.



R

Reasoning about 3D Shapes

Reasoning about 3D Shapes

4a. Below is one shape from the net of a 3D shape.

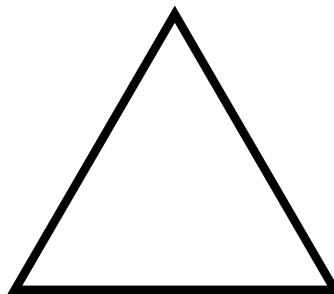


Name three 3D shapes that include this shape. List the other 2D shapes you would need to complete the net.



PS

4b. Below is one shape from the net of a 3D shape.



Name three 3D shapes that include this shape. List the other 2D shapes you would need to complete the net.



PS

5a. Which of these 3D shapes could cast this shadow?



octagonal based pyramid

hexagonal prism

pentagonal prism

Explain your answer.



R

5b. Which of these 3D shapes could cast this shadow?



triangular based pyramid

pentagonal prism

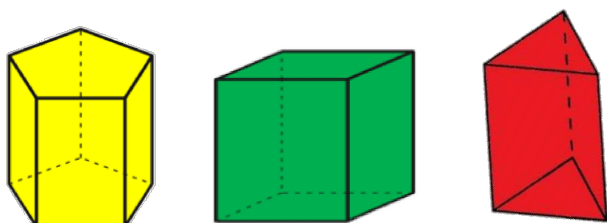
cube

Explain your answer.



R

6a. Considering the properties of the shapes below, which is the odd one out?

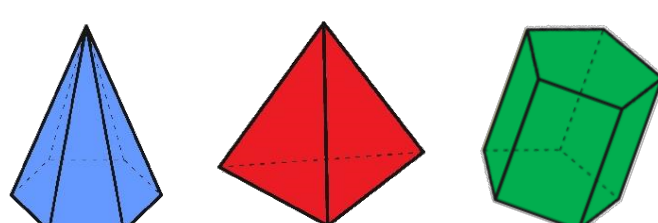


Explain your answer.



R

6b. Considering the properties of the shapes below, which is the odd one out?



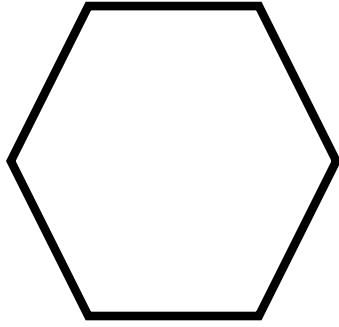
Explain your answer.



R

Reasoning about 3D Shapes

7a. Below is one shape from the net of a 3D shape.



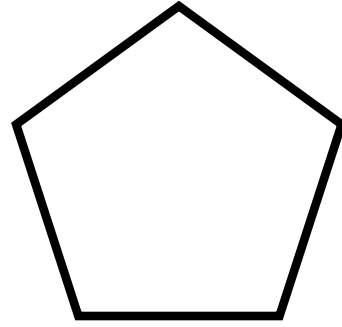
Which 3D shapes include this shape? List the other 2D shapes you would need to complete the net.



PS

Reasoning about 3D Shapes

7b. Below is one shape from the net of a 3D shape.



Which 3D shapes include this shape? List the other 2D shapes you would need to complete the net.



PS

8a. Which 3D shape could cast this shadow?



Explain your answer.



R

8b. Which 3D shape could cast this shadow?

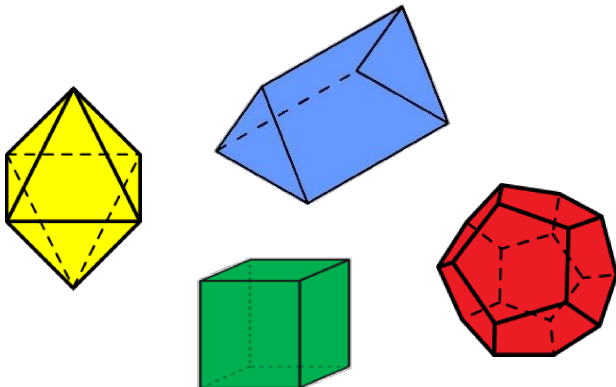


Explain your answer.



R

9a. Considering the properties of the shapes below, which is the odd one out?

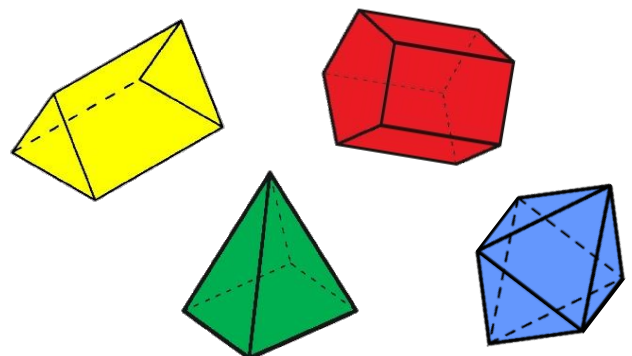


Explain your answer.



R

9b. Considering the properties of the shapes below, which is the odd one out?



Explain your answer.



R