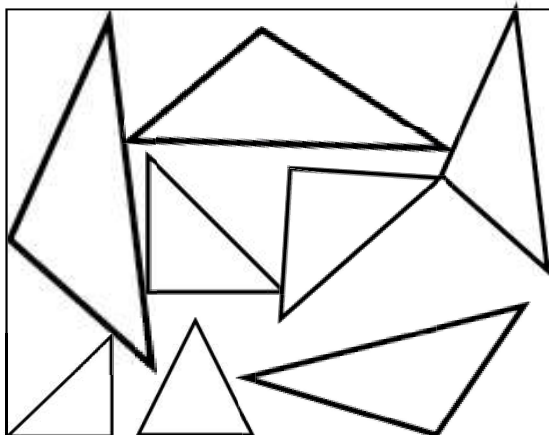


Triangles

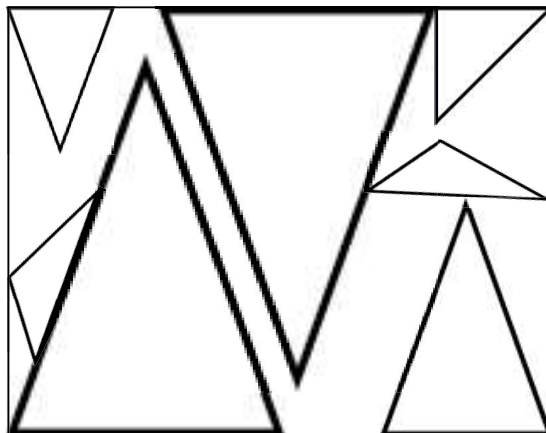
1a. Colour the right angled triangles in this image. Use a ruler to help.



PS

Triangles

1b. Colour the isosceles triangles in this image. Use a ruler to help.



PS

2a. Della is designing a logo for her flower shop.

Bright Blossoms



She says,



The logo includes a scalene triangle.

Is she correct? Explain your answer.



R

2b. Marshall is designing a logo for a stationery stall he is setting up.

Pens N Pencils



He says,



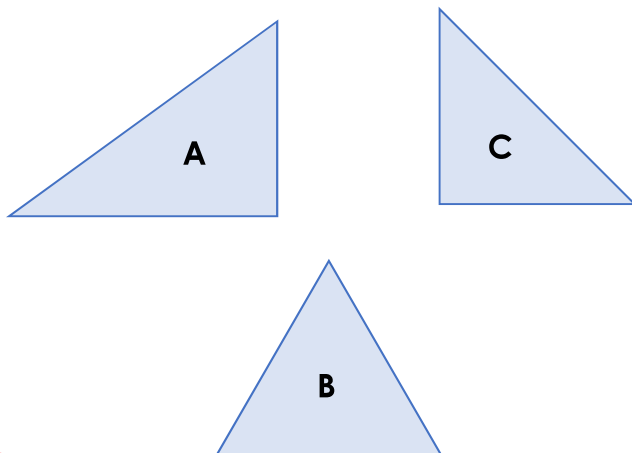
The logo includes a right angled triangle.

Is he correct? Explain your answer.



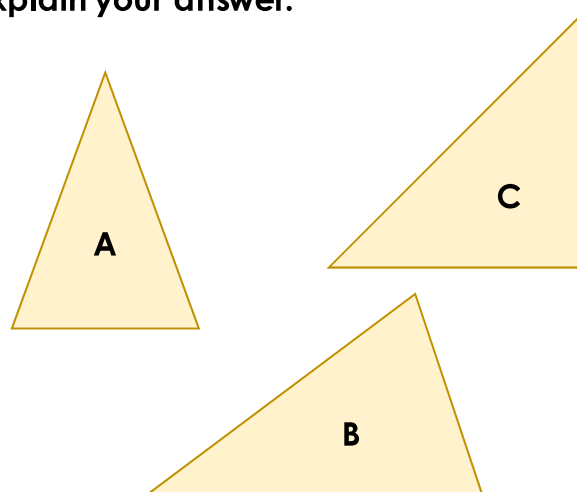
R

3a. Which triangle is the odd one out? Explain your answer.



R

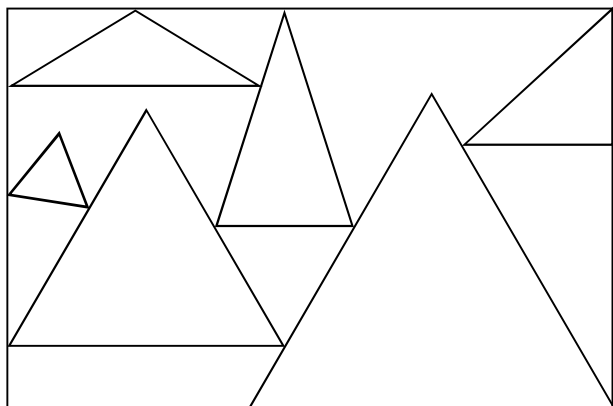
3b. Which triangle is the odd one out? Explain your answer.



R

Triangles

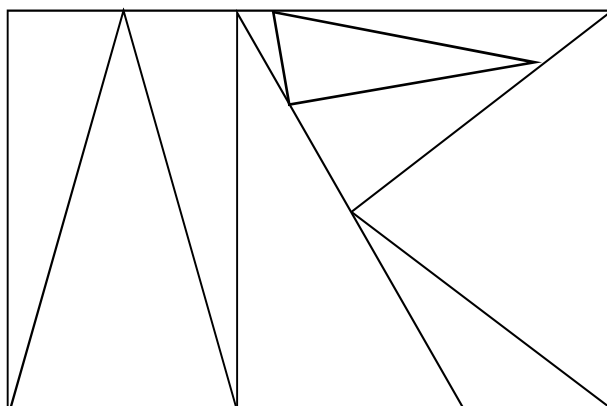
4a. Colour the triangles in this image which are equilateral. Use a ruler to help.



PS

Triangles

4b. Colour the triangles in this image which are right angled triangles. Use a ruler to help.



PS

5a. Kylie is designing a logo for a fruit stall she wants to run at her school.

Fabulous Fruit



She says,



The logo includes only equilateral triangles.

Is she correct? Explain your answer.



R

5b. D'Angelo is designing a logo for a handmade clothing shop he wants to start.

D'Angelo Designs



He says,



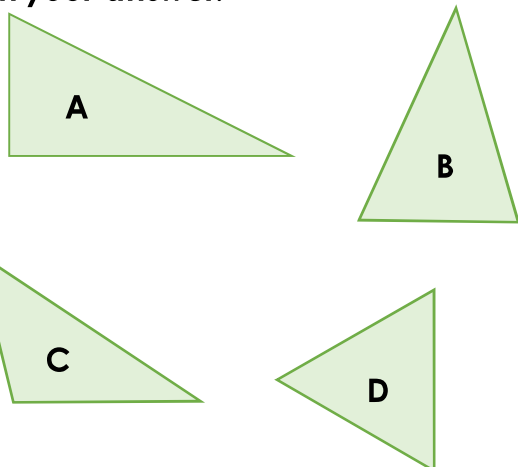
The logo includes only isosceles triangles.

Is he correct? Explain your answer.



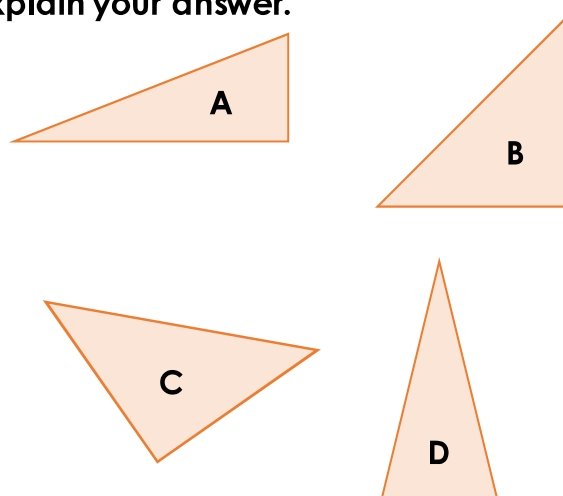
R

6a. Which triangle is the odd one out? Explain your answer.



R

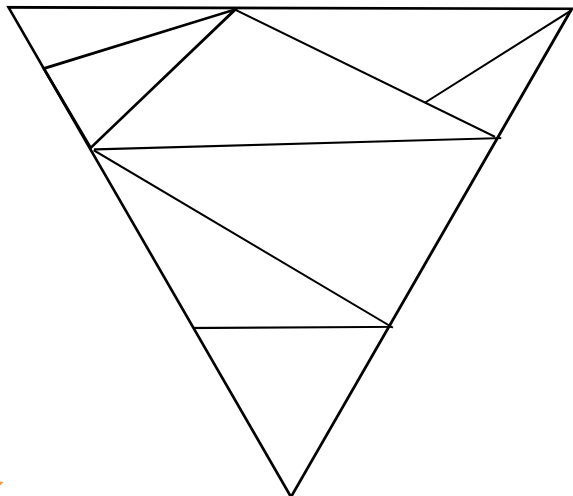
6b. Which triangle is the odd one out? Explain your answer.



R

Triangles

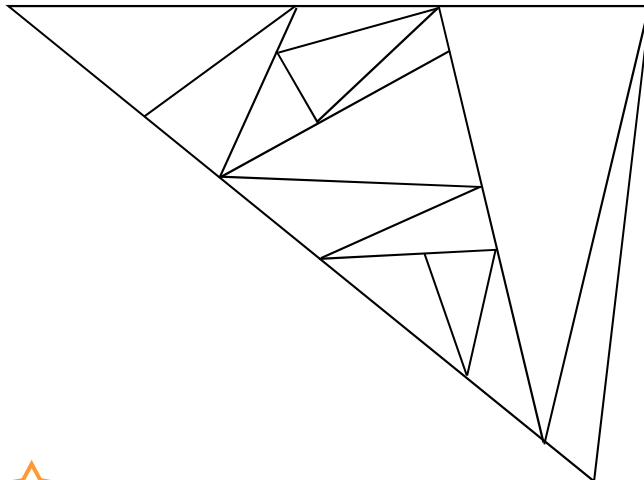
7a. Colour the triangles in this image which are not equilateral. Use a ruler to help.



PS

Triangles

7b. Colour the triangles in this image which are scalene. Use a ruler to help.



PS

8a. Lucy is designing a logo for a hat shop.



She says,



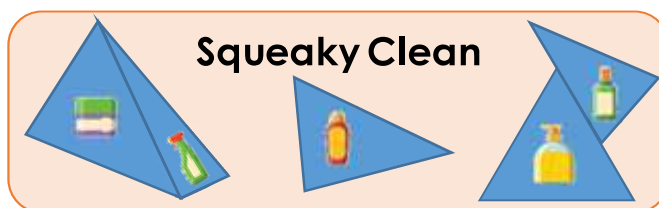
The logo does not include any equilateral triangles.

Is she correct? Explain your answer.



R

8b. Hugo is designing a logo for his cleaning company.



He says,



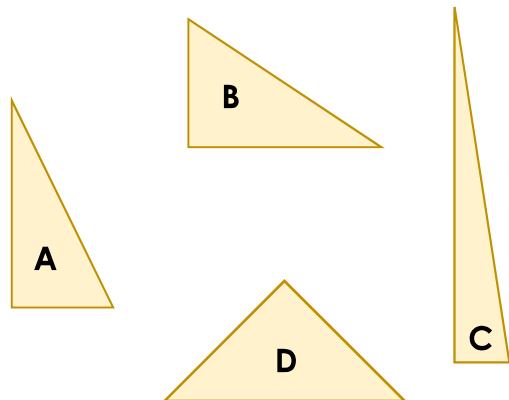
The logo includes only three scalene triangles.

Is he correct? Explain your answer.



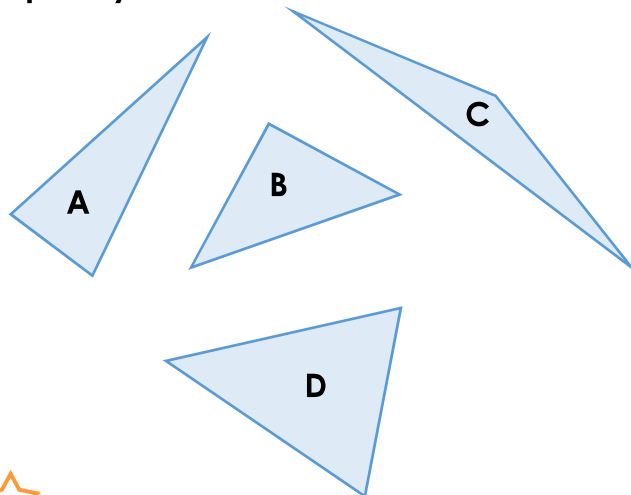
R

9a. Which triangle is the odd one out? Explain your answer.



R

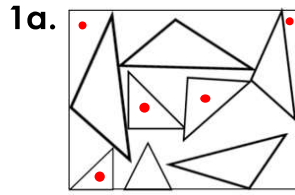
9b. Which triangle is the odd one out? Explain your answer.



R

Reasoning and Problem Solving Triangles

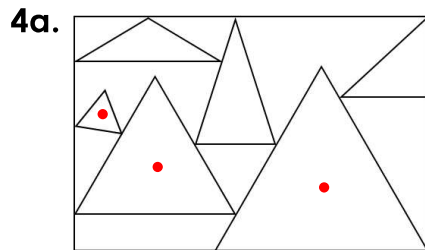
Developing



2a. Yes because the triangle on the right has three sides of different lengths.

3a. Various answers, for example: B because it is not a right angled triangle.

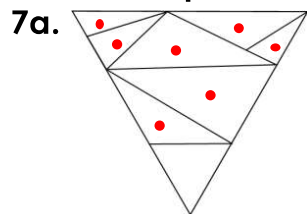
Expected



5a. No because there is only one equilateral triangle (with the apple on it).

6a. Various answers, for example: D is the only equilateral triangle.

Greater Depth

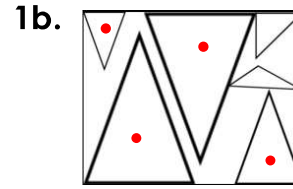


8a. No because the triangle with the baseball cap on it has three equal sides.

9a. Various answers, for example: D is not a right angled triangle.

Reasoning and Problem Solving Triangles

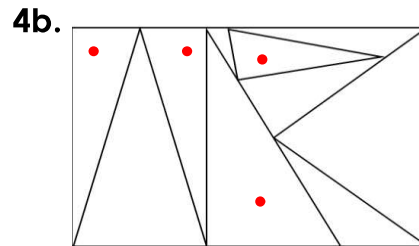
Developing



2b. No because the only triangle does not include any right angles.

3b. Various answers, for example: B because it is not an isosceles triangle.

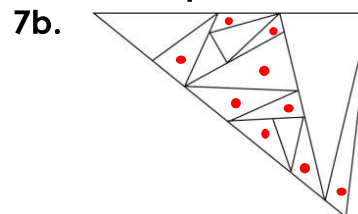
Expected



5b. No because there are no isosceles triangles within the logo.

6b. Various answers, for example: D is not a right angled triangle.

Greater Depth



8b. No because the triangle with the hand soap on it is equilateral and all the rest are scalene. Therefore, there are four scalene triangles.

9b. Various answers, for example: B is not an isosceles triangle.