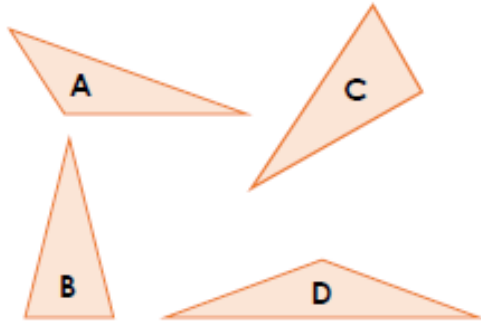6/7/20 – Maths

Skill: **Identifying properties of Triangles – fluency & reasoning**

*First, complete the PowerPoint document attached.
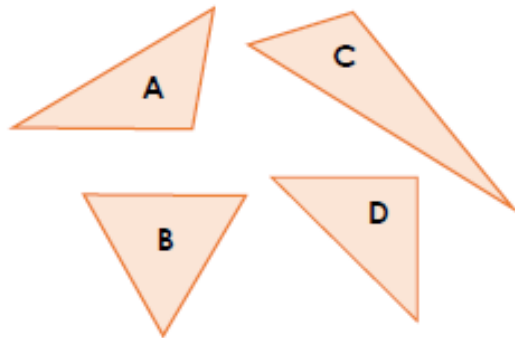
1.

5a. Tick any isosceles triangles.
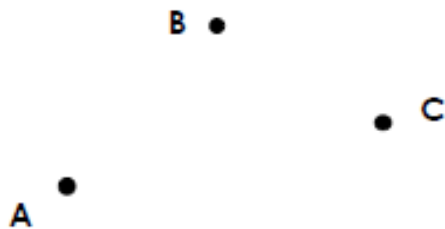
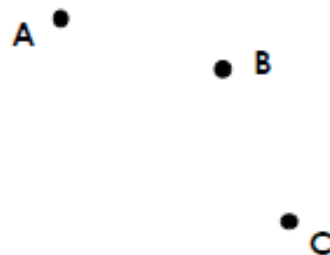

2.

5b. Tick any scalene triangles.

3.

6a. True or false? Connecting these dots will create an equilateral triangle.

4.

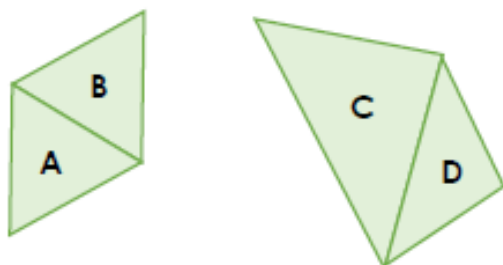**6b. True or false? Connecting these dots will create an isosceles triangle.**

5.

11a. Sort the triangles into the table.

Scalene	Isosceles	Equilateral

6.

11b. Sort the triangles into the table.

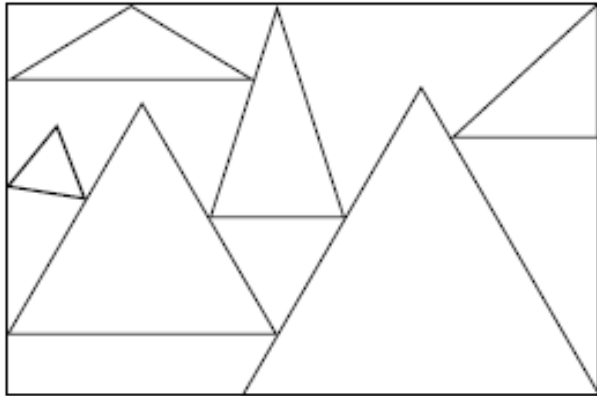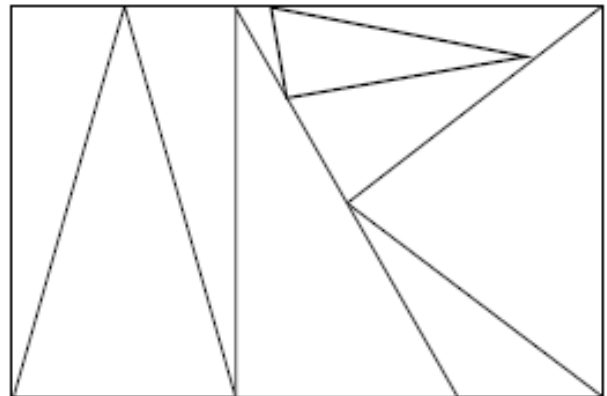| Scalene	Isosceles	Equilateral

7.

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

8.

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

9.

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.

10.

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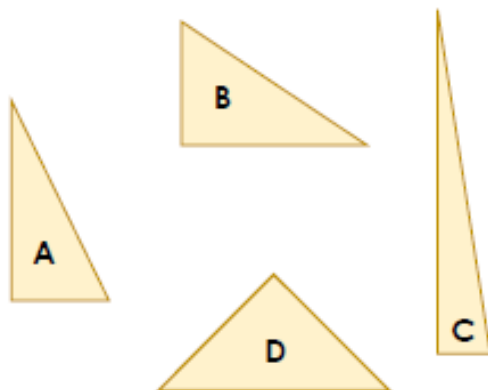
D'Angelo Designs

He says,

> The logo includes only isosceles triangles.

Is he correct? Explain your answer.

11.

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

12.

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