

Year 4 Maths

03.06.20

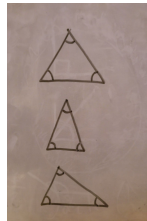
Steppingstone activity

LO: To identify triangles

Success Criteria:

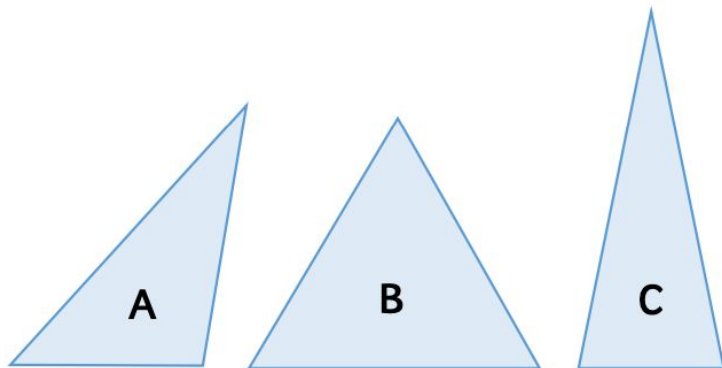
- | |
|---|
| 1. Look at your triangles |
| 2. If all the angles are different, it's a scalene triangle |
| 3. If all the angles are the same, it's an equilateral triangle |
| 4. If it has two angles the same, it is an isosceles triangle |

Model

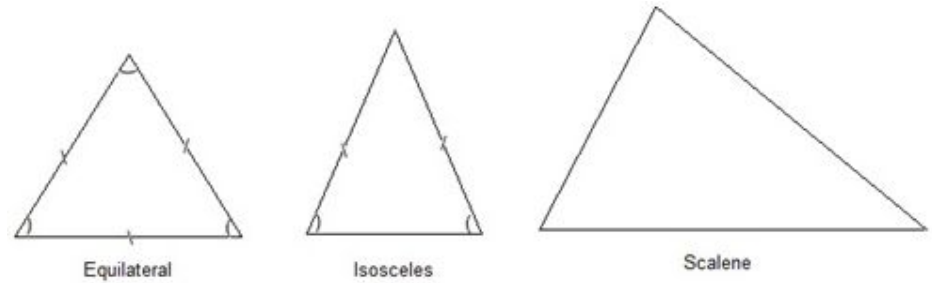
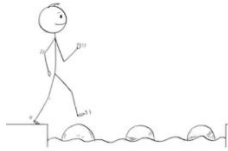
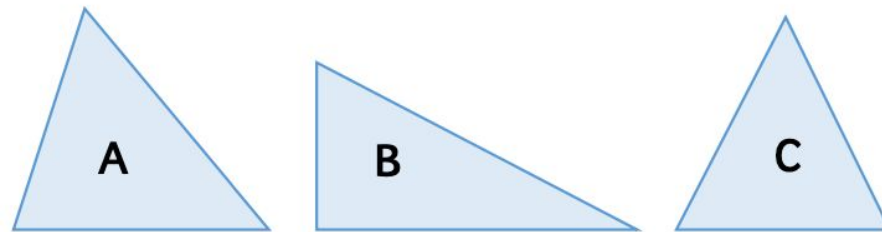


Now you try... Draw one of each triangle. Use the models above.

Tick the isosceles triangle.



Tick the scalene triangle.



Canonbury Home Learning
Year 4 Maths

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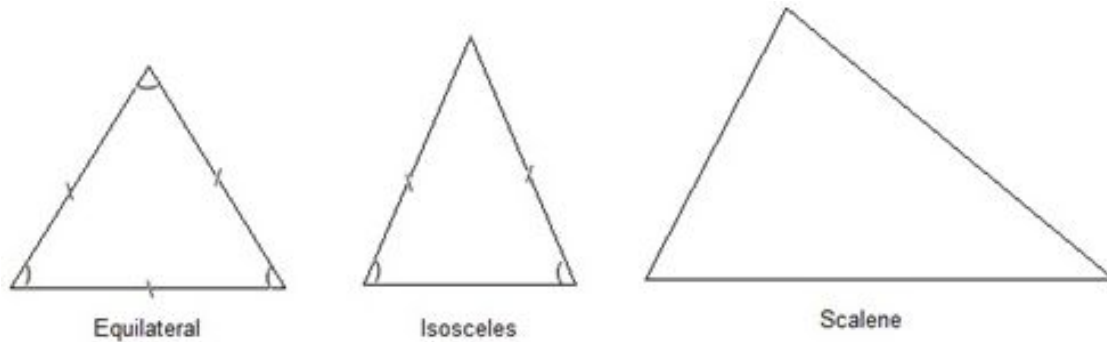
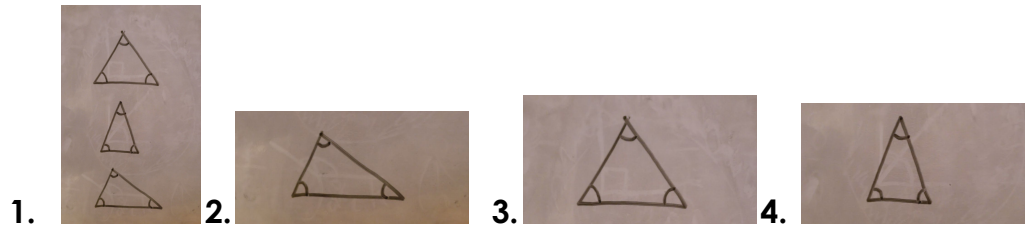
Steppingstone activity

LO: To identify triangles

Success Criteria:

5. Look at your triangles
6. If all the angles are different, it's a scalene triangle
7. If all the angles are the same, it's an equilateral triangle
8. If it has two angles the same, it is an isosceles triangle

Model:

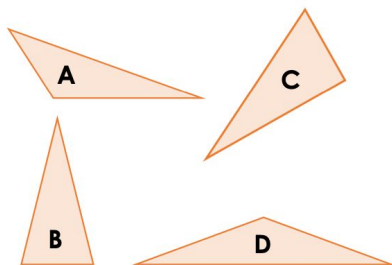
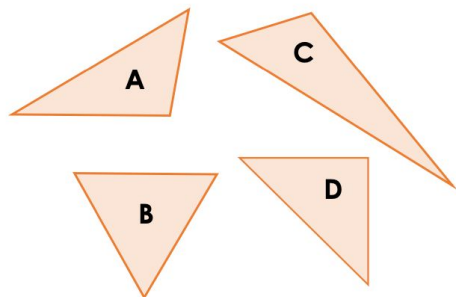


Task 1

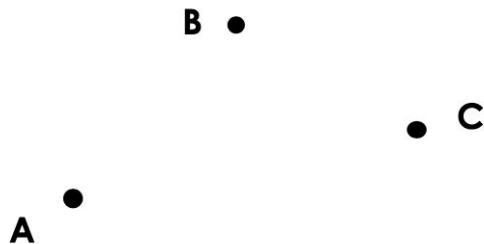
Practice:

1. Tick the isosceles triangles

Tick the Scalene triangles

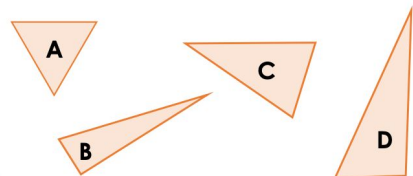


2. True or false? Connect the dots to create an equilateral triangle



3. Sort the triangles into the table

Scalene	Isosceles	Equilateral

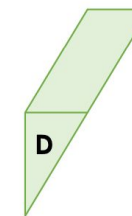
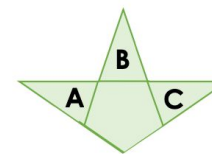
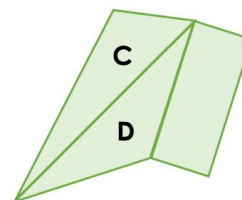
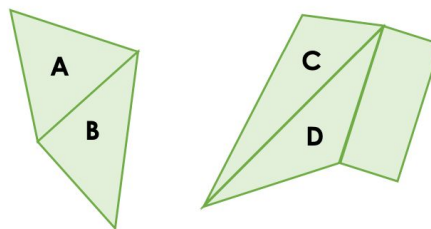


Task 2

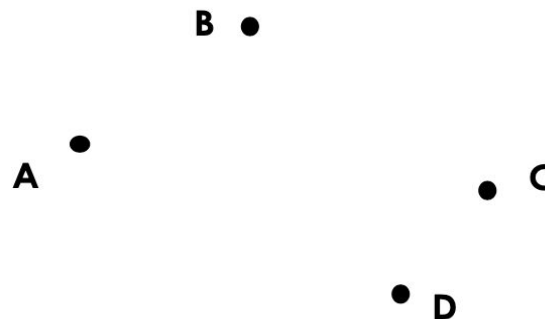
Practice:

1. Tick the isosceles triangles

Tick the Scalene triangles

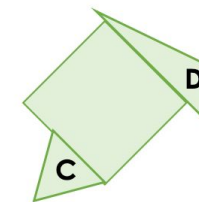
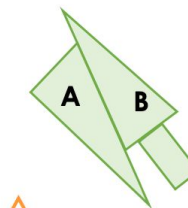


2. True or false? Connecting three of these dots will create a scalene triangle.



3. Sort the triangles into the table

Scalene	Isosceles	Equilateral



Task 3

Reasoning

Explain your answers.

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



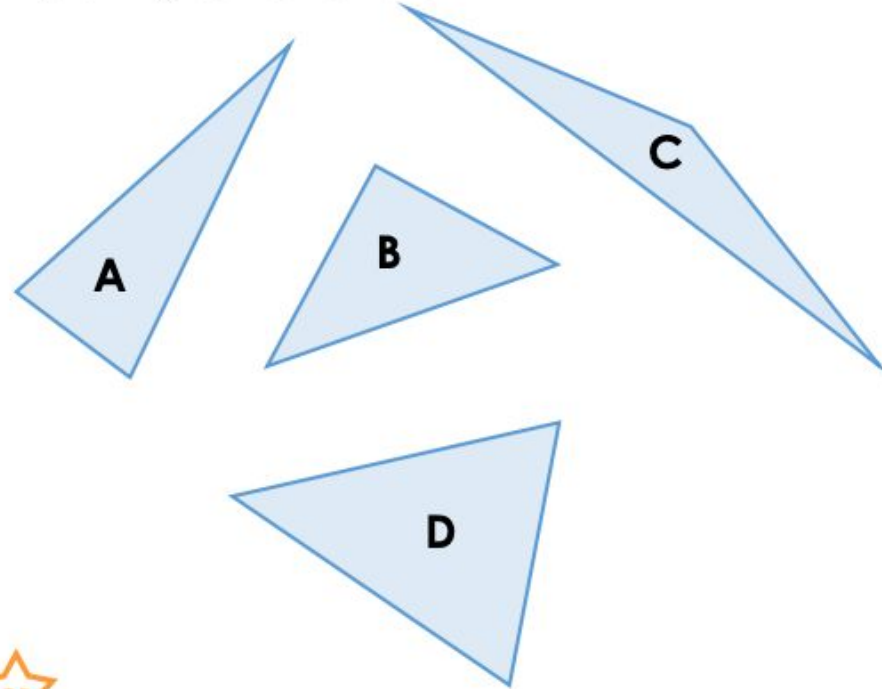
She says,



The logo includes only equilateral triangles.

Is she correct? Explain your answer.

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



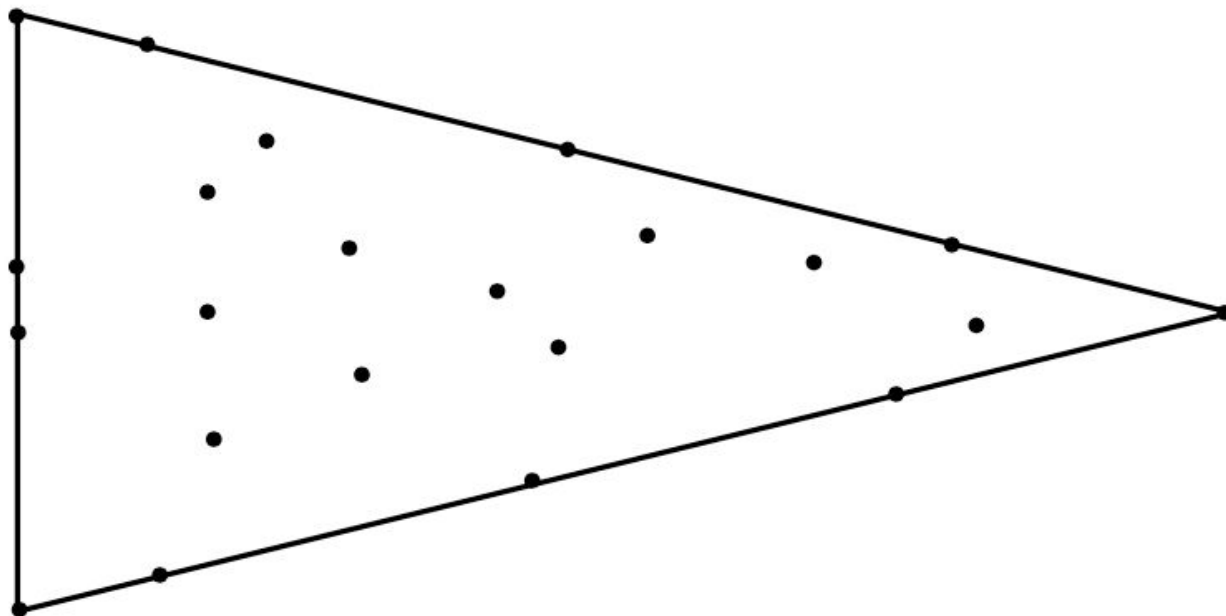
Task 4

Problem solving

2. Vanessa is designing a flag that must include multiple triangles of different types. Investigate the different designs she could create using the template below by joining the dots to create triangles.



My favourite number is 12 so I don't want my design to have any more than 12 triangles.



How many scalene triangles are included within your design?