

# Triangles



**1** Decide whether each shape is a triangle or not.  
Circle your answers.  
Explain your answer for each.

a)  **triangle** **not a triangle**  
\_\_\_\_\_

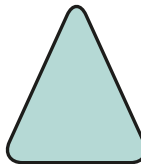
b)  **triangle** **not a triangle**  
\_\_\_\_\_

c)  **triangle** **not a triangle**  
\_\_\_\_\_

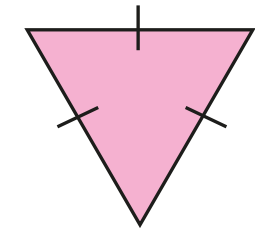
d)  **triangle** **not a triangle**  
\_\_\_\_\_

e)  **triangle** **not a triangle**  
\_\_\_\_\_

f)  **triangle** **not a triangle**  
\_\_\_\_\_

g)  **triangle** **not a triangle**  
\_\_\_\_\_

**2** Ron is classifying triangles.

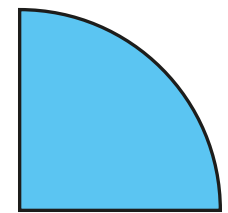
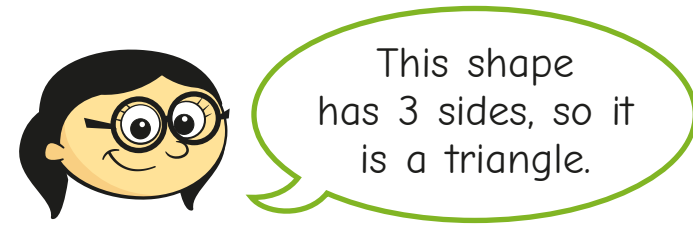


a) Ron is incorrect.  
Explain why.

\_\_\_\_\_  
\_\_\_\_\_

b) What type of triangle is it? \_\_\_\_\_

**3** Annie is identifying shapes.



Do you agree with Annie? \_\_\_\_\_

Explain your answer.

\_\_\_\_\_  
\_\_\_\_\_

4 Match the types of triangles to the definitions.

scalene

2 sides and  
2 angles equal

equilateral

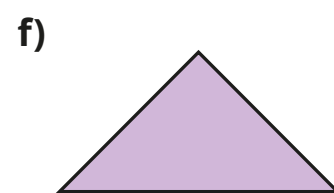
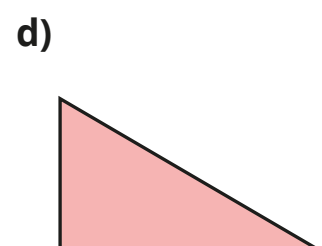
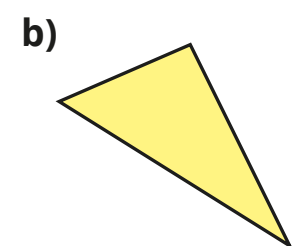
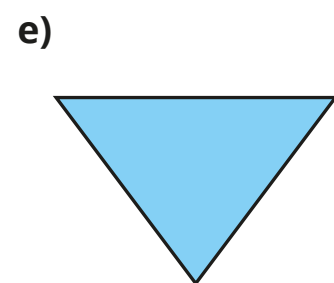
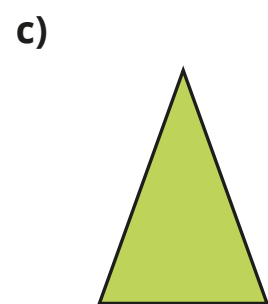
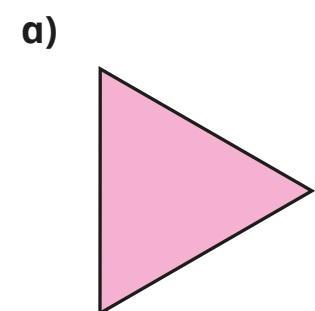
no sides or  
angles equal

isosceles

all sides and  
all angles equal

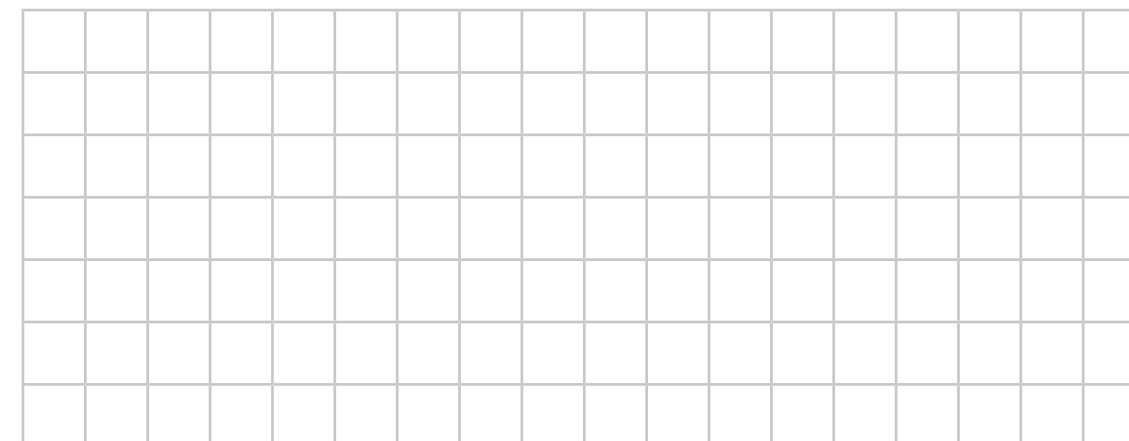
5 Label each triangle as **equilateral**, **isosceles** or **scalene**.

You will need to measure the side lengths.



6 Draw the triangles in the grid.

- isosceles
- right-angled
- scalene

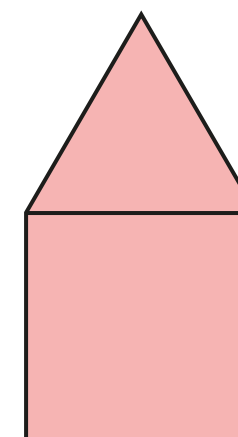


Which triangle was hardest to draw?

7 The diagram shows an equilateral triangle and a square.

The perimeter of the square is 100 cm.

Work out the perimeter of the compound shape.



cm