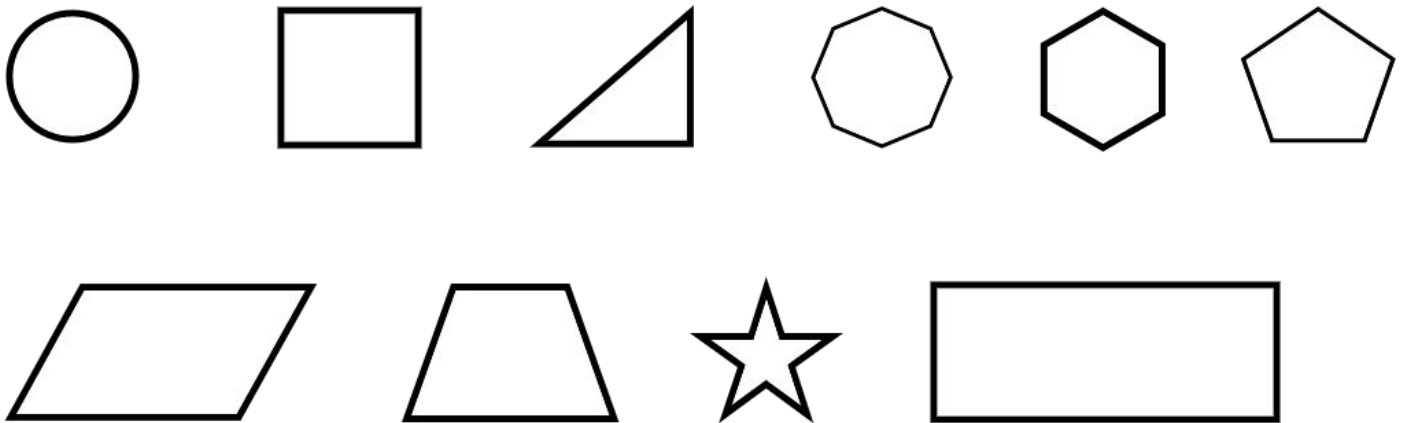# Checking understanding of perimeter and area
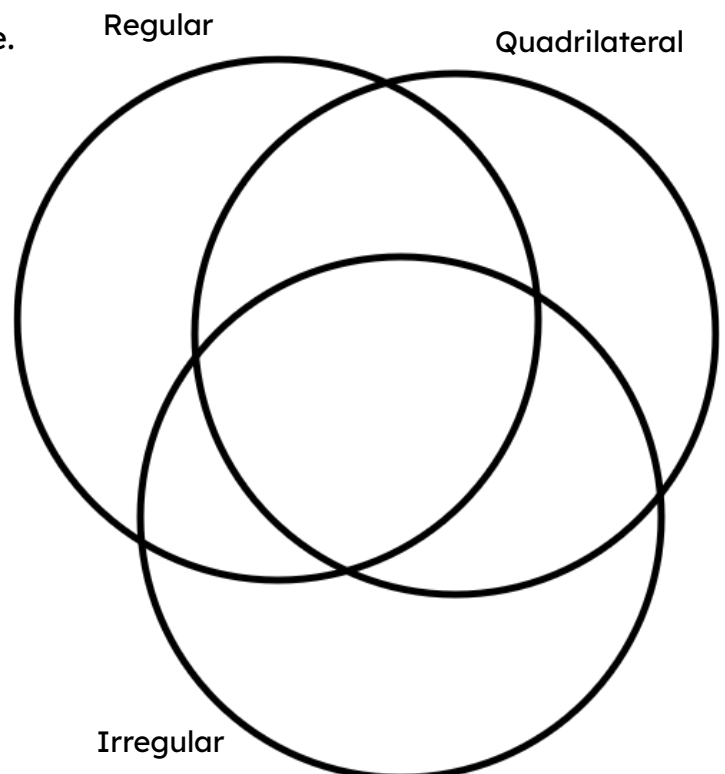
Task 1: Defining a shape

a)   **Pick one** of the shapes and **describe** it to your partner.

b)   How many clues did it take?

c)   Which shape required the most clues?

Task 2: Grouping shapes by properties

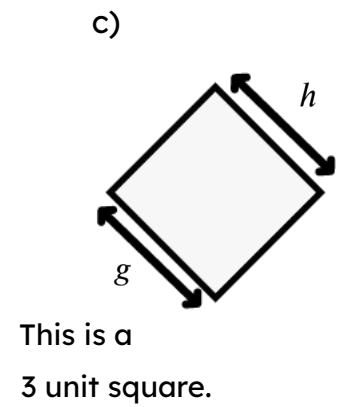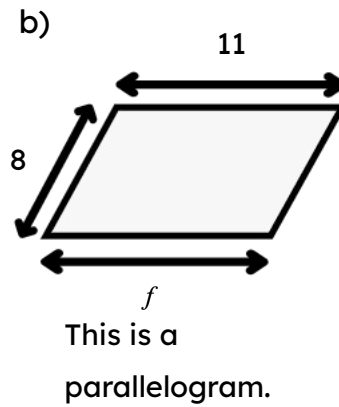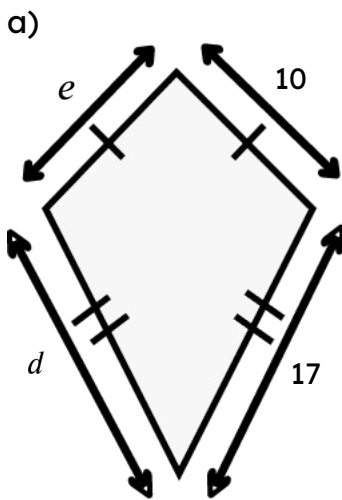a) Put each polygon type in the correct place.

Square

Trapezium

(Irregular) Octagon

Kite

Equilateral triangle

Rhombus

Regular

Quadrilateral

Irregular

b)   Why are some of the spaces empty?

Task 3: Finding missing lengths with shape properties

State the missing length for each shape.

a)

e
10

d
17

b)

11

8

f

This is a

parallelogram.

c)

h

g

This is a

3 unit square.

Task 4: Missing lengths in composite rectilinear shapes

Calculate the length of each marked side.

a)

1

w

7

m

1.5

5

b)

3

z

c)

n

3.2

2.4