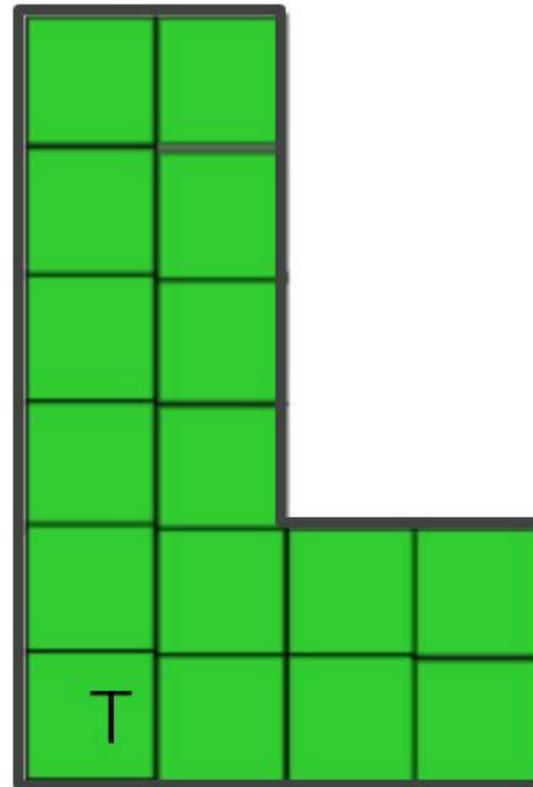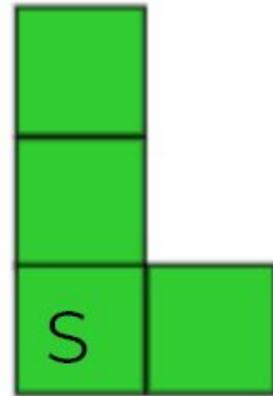Mathematics

# Enlargements Worksheet
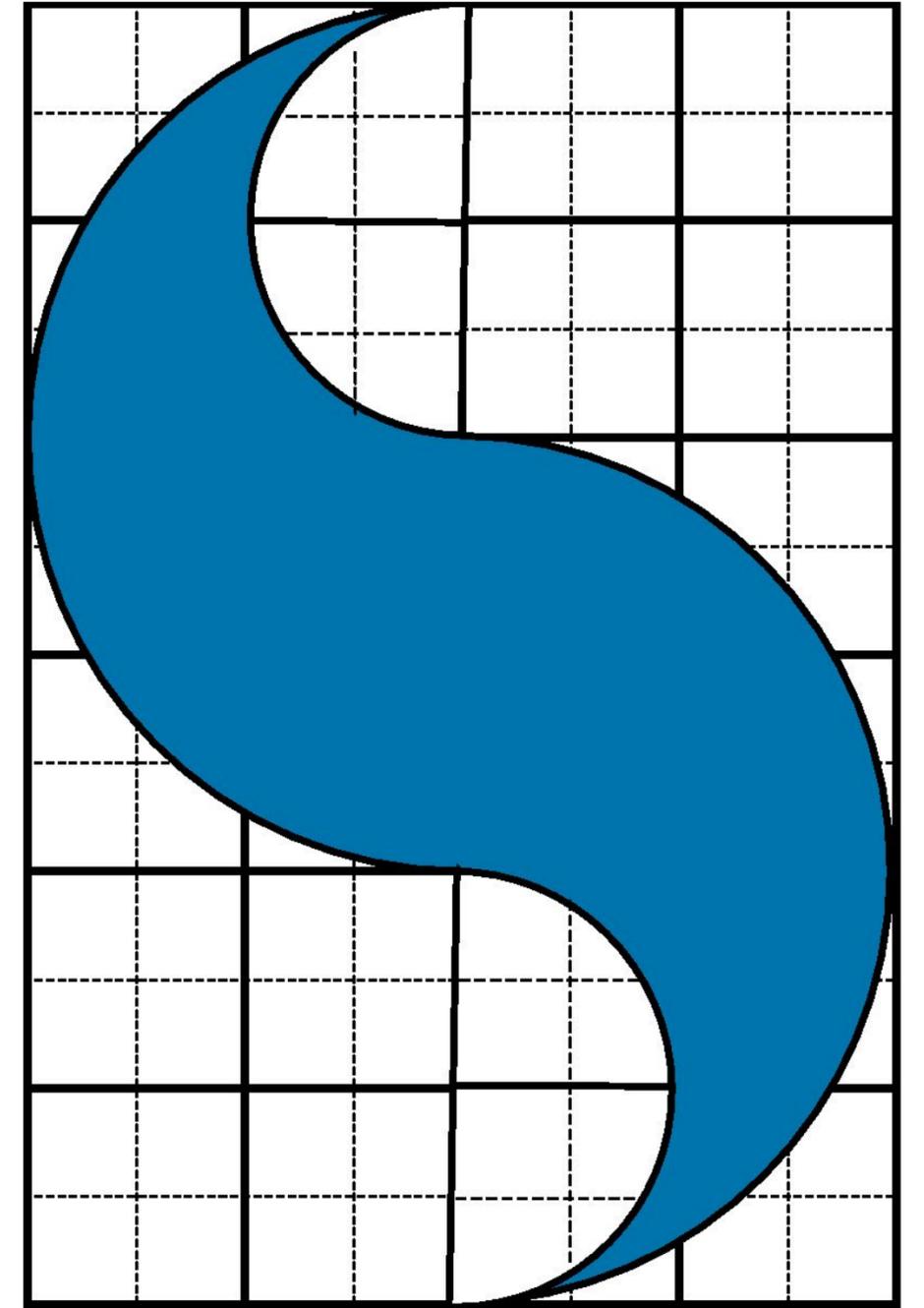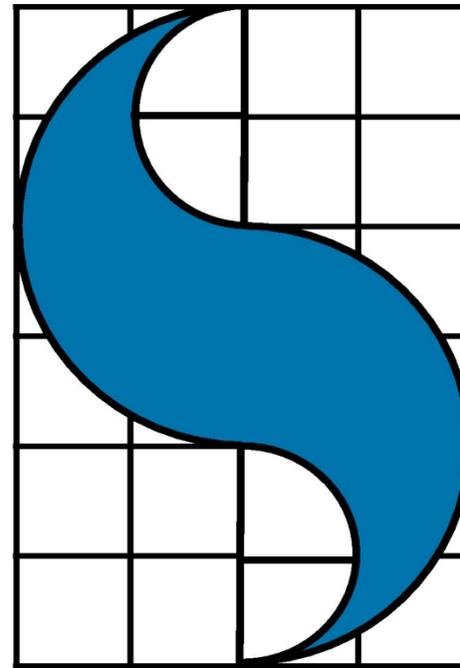
Mrs Buckmire

# Try this

What is the same? What is different?

# Connect

This student used a 6 by 4 rectangle and a 12 by 8 rectangle to enlarge A by a scale factor of 2.
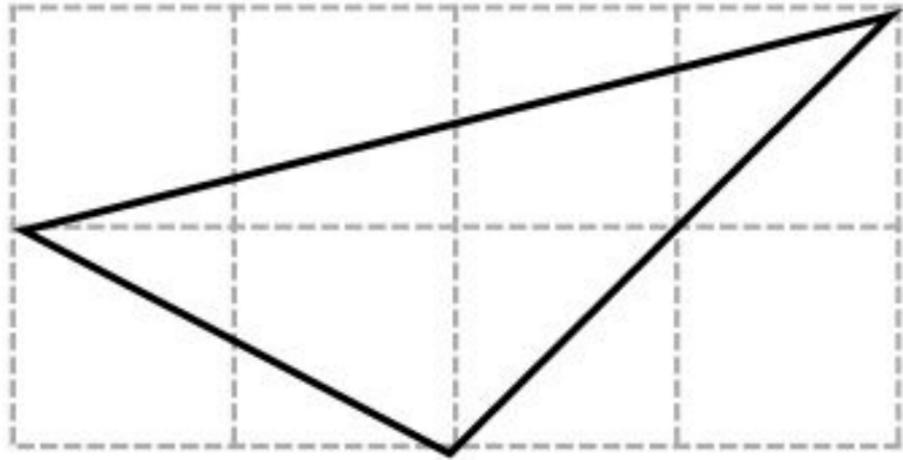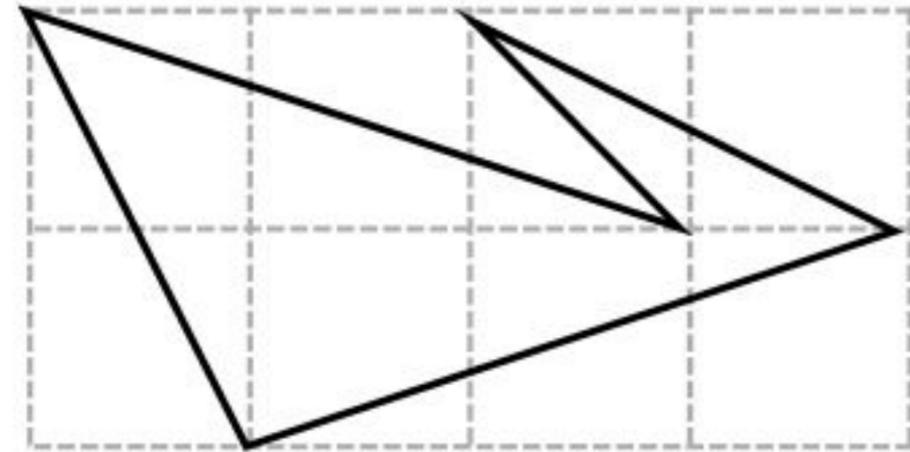
I wonder how the perimeters compare...

# Independent task

Sketch each of the following shapes on square paper then enlarge them by a scale factor of 3
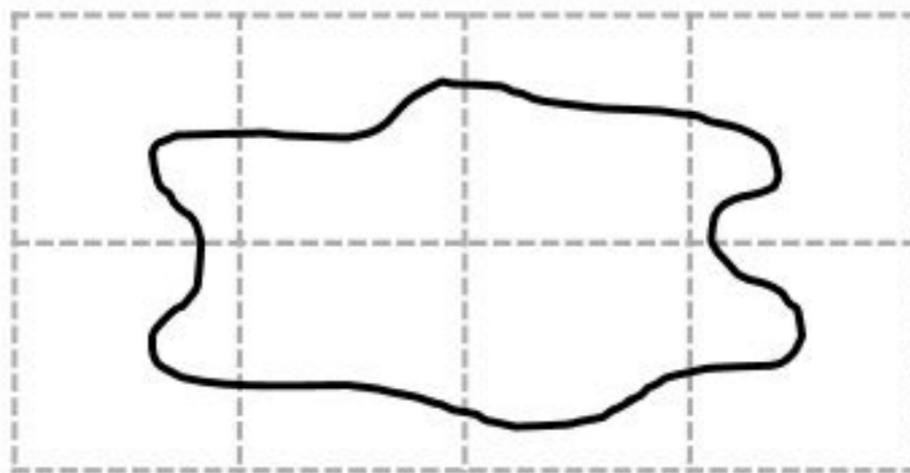
a)

b)

c)

d)

# Explore

Four circles: $C_1$, $C_2$, $C_3$ and $C_4$ are shown below.

(A) Select two of the circles and describe the enlargements connecting them.

(B) Compare the lengths of the paths along the arcs:

| A to B | B to C |
|--------|--------|

| C to D | A to D |
|--------|--------|