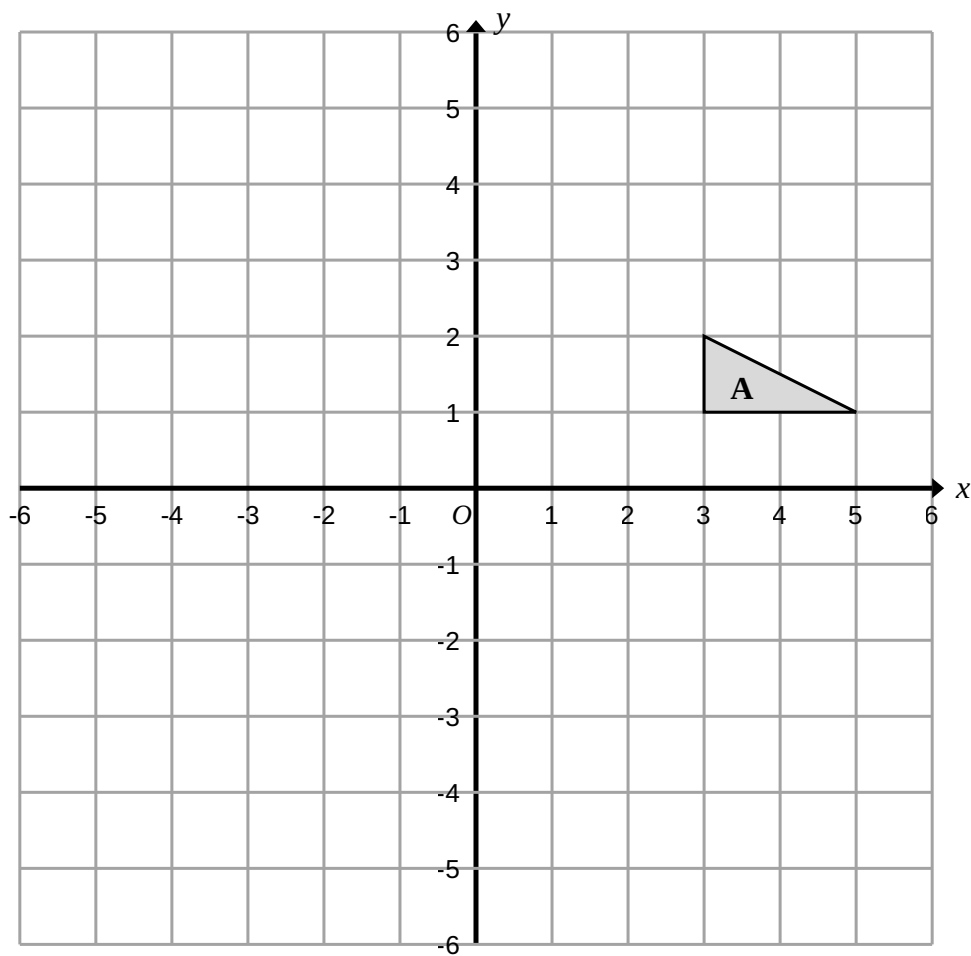


TRANSFORMATIONS: ENLARGEMENTS**Best Guess Mastery Worksheet (Target Grade 4/5)****I Do**

A triangle **A** is drawn on a coordinate grid.

Enlarge triangle **A** by scale factor -2 with centre **(3, 0)**.

Label the image **B**.

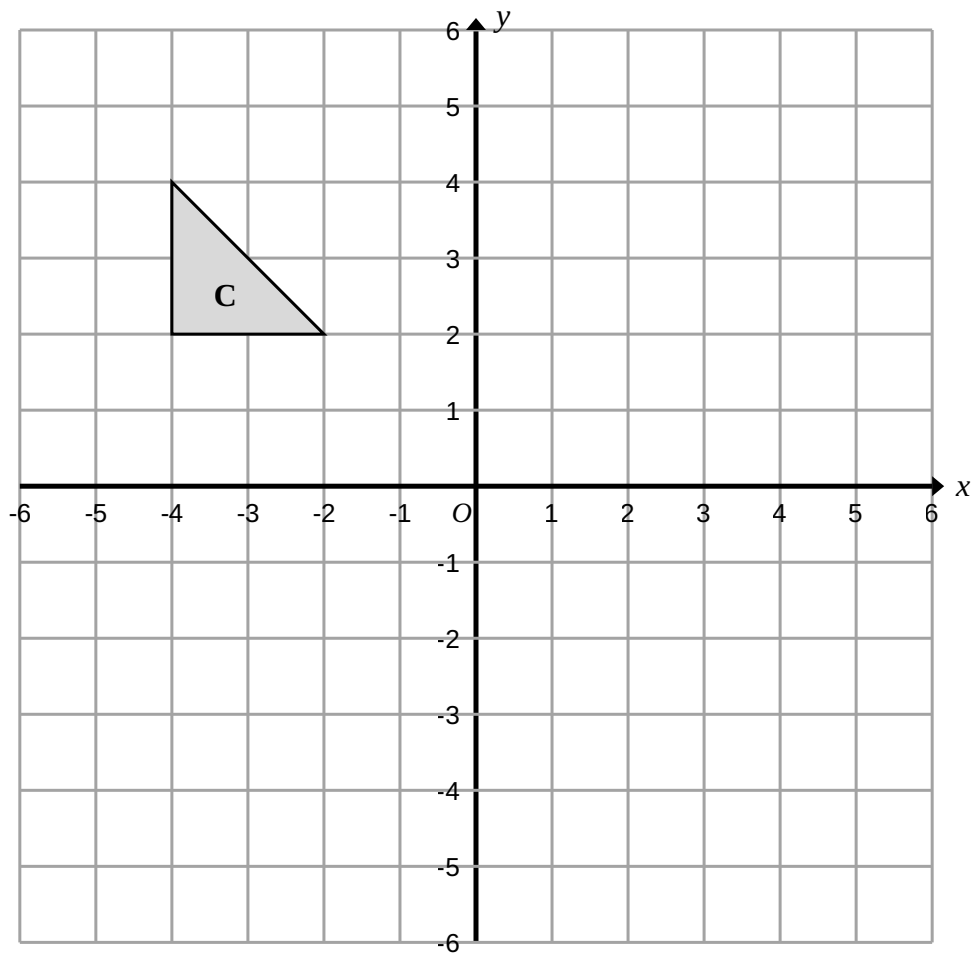


TRANSFORMATIONS: ENLARGEMENTS**Best Guess Mastery Worksheet (Target Grade 4/5)****We Do**

A triangle **C** is drawn on a coordinate grid.

Enlarge triangle **C** by scale factor $\frac{1}{2}$ with centre **(-4, 0)**.

Label the image **D**.

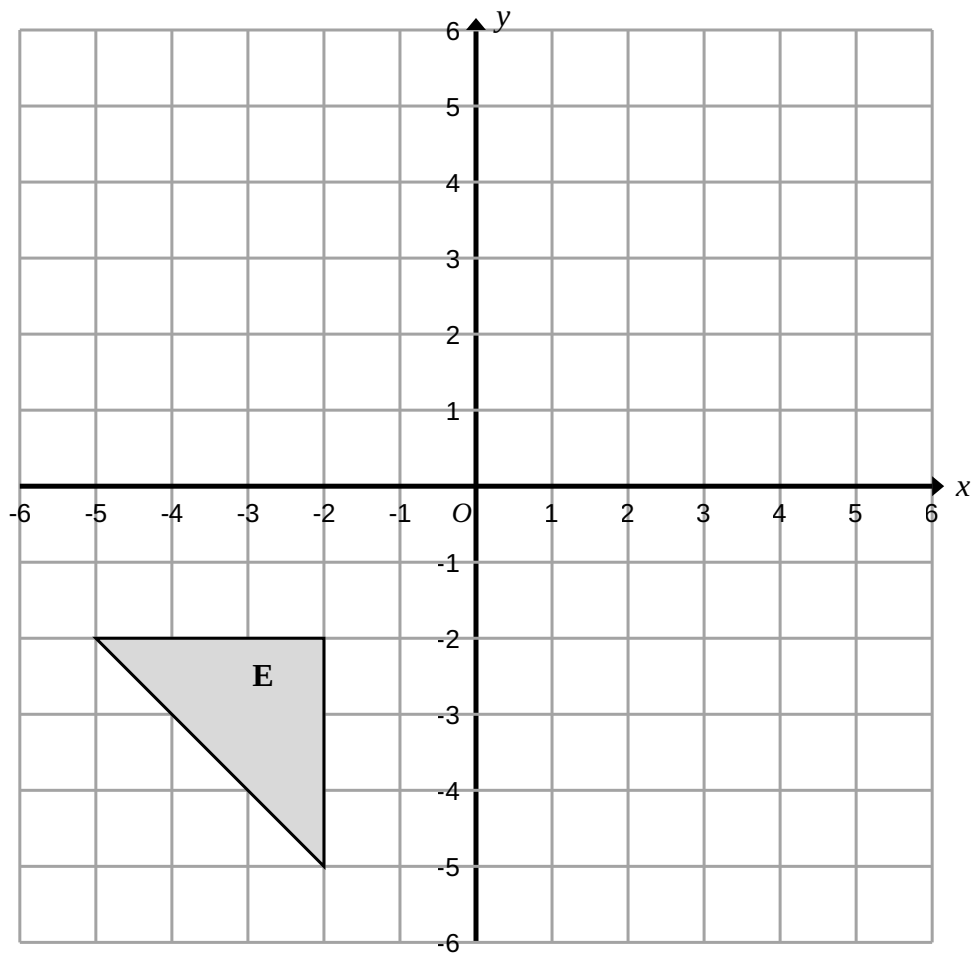


TRANSFORMATIONS: ENLARGEMENTS**Best Guess Mastery Worksheet (Target Grade 4/5)****You Do 1**

A triangle **E** is drawn on a coordinate grid.

Enlarge triangle **E** by scale factor $-\frac{1}{2}$ with centre **(0, -2)**.

Label the image **F**.

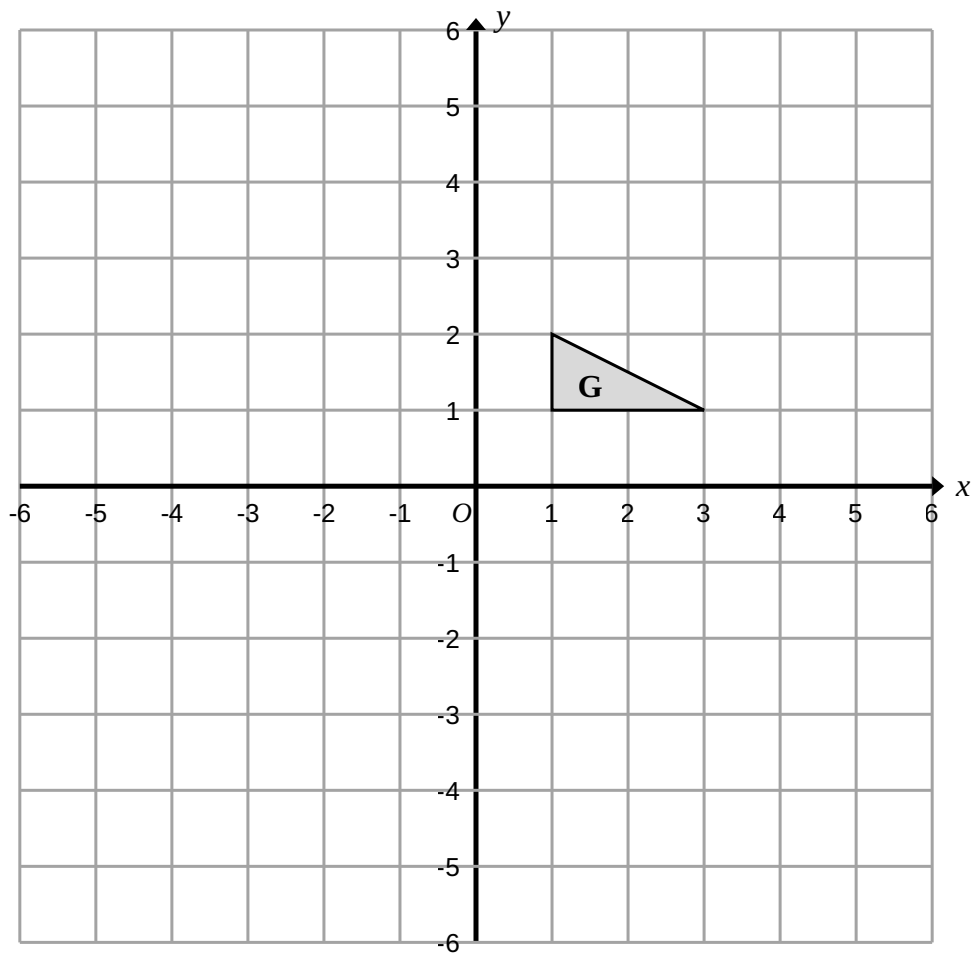


TRANSFORMATIONS: ENLARGEMENTS**Best Guess Mastery Worksheet (Target Grade 4/5)****You Do 2**

A triangle **G** is drawn on a coordinate grid.

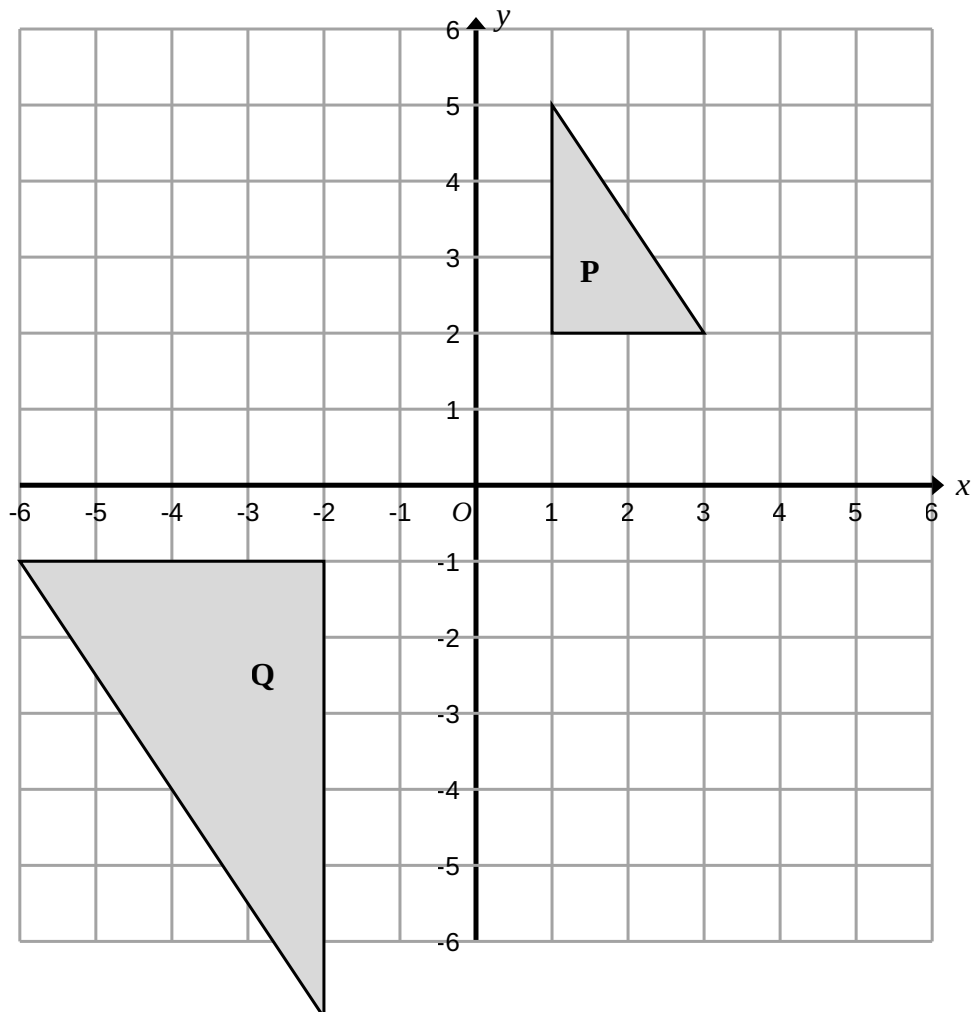
Enlarge triangle **G** by scale factor -2 with centre **(1, 1)**.

Label the image **H**.



TRANSFORMATIONS: DESCRIBING ENLARGEMENTS**Best Guess Mastery Worksheet (Target Grade 4/5)****Challenge 1**

Describe fully the single transformation that maps triangle **P** onto triangle **Q**.



.....

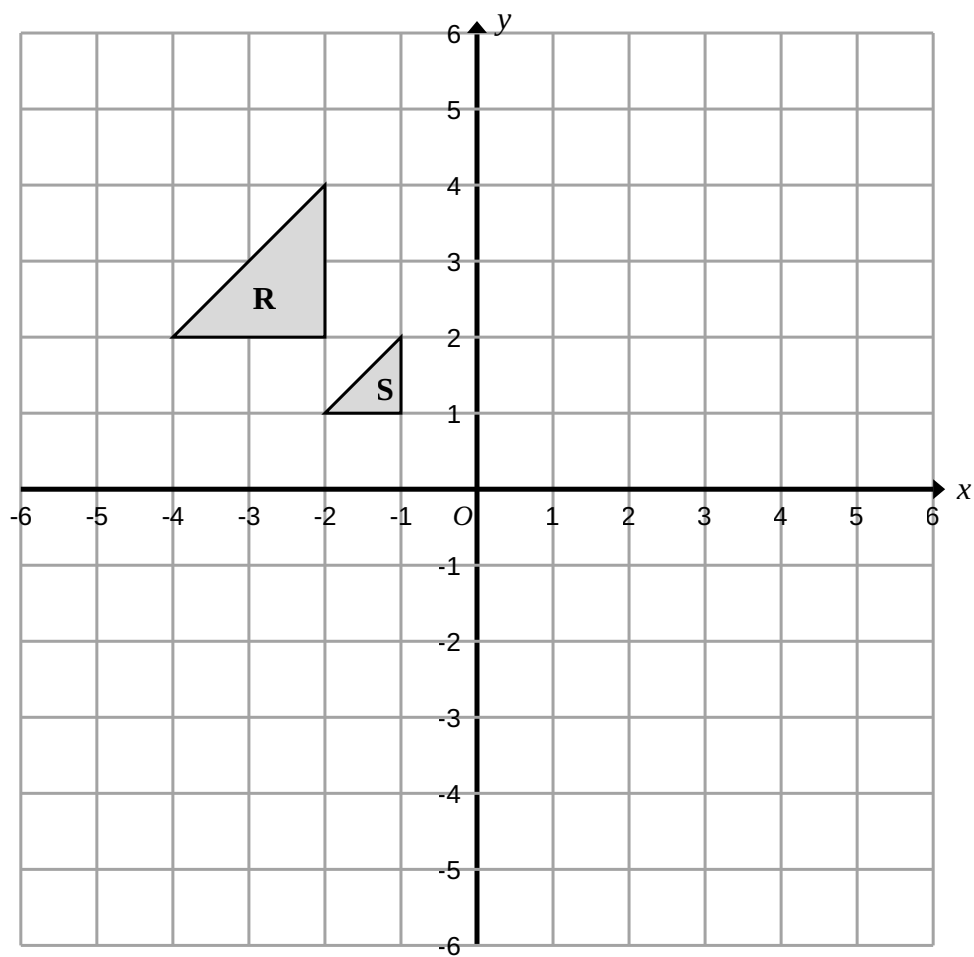
.....

TRANSFORMATIONS: DESCRIBING ENLARGEMENTS

Best Guess Mastery Worksheet (Target Grade 4/5)

Challenge 2

Describe fully the single transformation that maps triangle **R** onto triangle **S**.



Answers & Worked Solutions**I Do:**

Triangle **B** is drawn with vertices at $(3, -2)$, $(3, -4)$, and $(-1, -2)$.

We Do:

Triangle **D** is drawn with vertices at $(-4, 1)$, $(-3, 1)$, and $(-4, 2)$.

You Do 1:

Triangle **F** is drawn with vertices at $(1, -2)$, $(1, -0.5)$, and $(2.5, -2)$.

You Do 2:

Triangle **H** is drawn with vertices at $(1, 1)$, $(-3, 1)$, and $(1, -1)$.

Challenge 1:

Enlargement, scale factor -2 , centre $(0, 1)$.

Challenge 2:

Enlargement, scale factor $\frac{1}{2}$, centre $(0, 0)$.