



Q1

 $\frac{0}{12}$

Complete the table to round the numbers to the nearest 10, 100 or 1,000.

	66,538	539,662	8,615
the nearest 10	<input type="text"/>	<input type="text"/>	<input type="text"/>
the nearest 100	<input type="text"/>	<input type="text"/>	<input type="text"/>
the nearest 1,000	<input type="text"/>	<input type="text"/>	<input type="text"/>

[9]

Q2

Q3

Q4

No calc



Round these measurements.

A tree is 931 cm tall. Round its height to the nearest metre. m [1]A mountain is 5,392 m tall. Round its height to the nearest km. km [1]An insect is 92 mm long. Round its length to the nearest cm. cm [1]

Mark it



Q1

Q2

 $\frac{0}{8}$ What are the factors of 6? [1]What is the largest common factor of 14 and 49? [1]What is the lowest common multiple of 6 and 10? [1]

Q3

Q4

No calc



Which of these is a prime number? Which of these is a multiple of 13?

<input type="button" value="12"/>	<input type="button" value="17"/>	<input type="button" value="18"/>	<input type="button" value="14"/>	[1]	<input type="button" value="13"/>	<input type="button" value="81"/>	<input type="button" value="73"/>	<input type="button" value="54"/>	[1]
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Which of these is not a factor of 54? Which of these is not a multiple of 14?

<input type="button" value="5"/>	<input type="button" value="3"/>	<input type="button" value="1"/>	<input type="button" value="2"/>	[1]	<input type="button" value="14"/>	<input type="button" value="28"/>	<input type="button" value="81"/>	<input type="button" value="42"/>	[1]
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Which of these is a square number?
 [1]

Mark it

Total

 $\frac{0}{40}$



Q1

Q2

Q3

$\frac{0}{10}$

Q4

No calc



Total

$\frac{0}{40}$

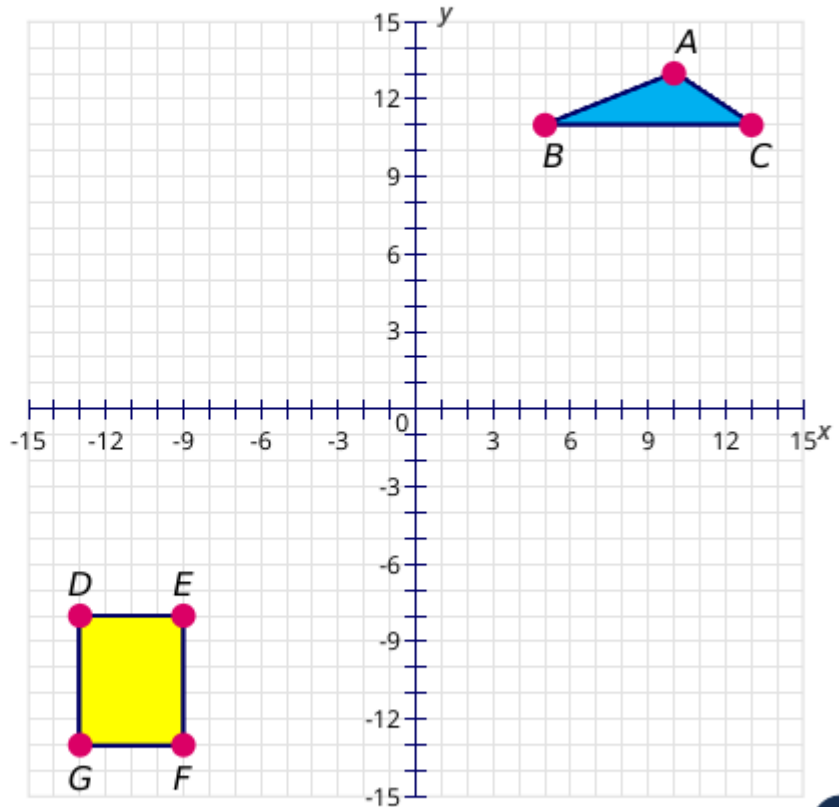
Drag the dots on the blue shape to reflect it in the y-axis. [3]

$A' = (\text{input}, \text{input})$

$B' = (\text{input}, \text{input})$

$C' = (\text{input}, \text{input})$ [3]

Drag the dots on the yellow shape to translate it 13 spaces right and 2 spaces up. [4]



Mark it



Q1

Q2

Q3

Q4

$\frac{0}{10}$

No calc



Total

$\frac{0}{40}$

Convert the following fractions, decimals and percentages. The first one has been done for you.

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{4}{5}$	<input type="text"/>	<input type="text"/> %
$\frac{\text{input}}{4}$	<input type="text"/>	75%
$\frac{1}{10}$	<input type="text"/>	<input type="text"/> %

[6]

In a sale, a pair of trainers are reduced by 20%.

The original price was £75.

Find the new price. £ [2]

A cake is sliced into 20 equal slices. Six slices are eaten.

What percentage remains? [2]

%

Mark it