Maths Homework

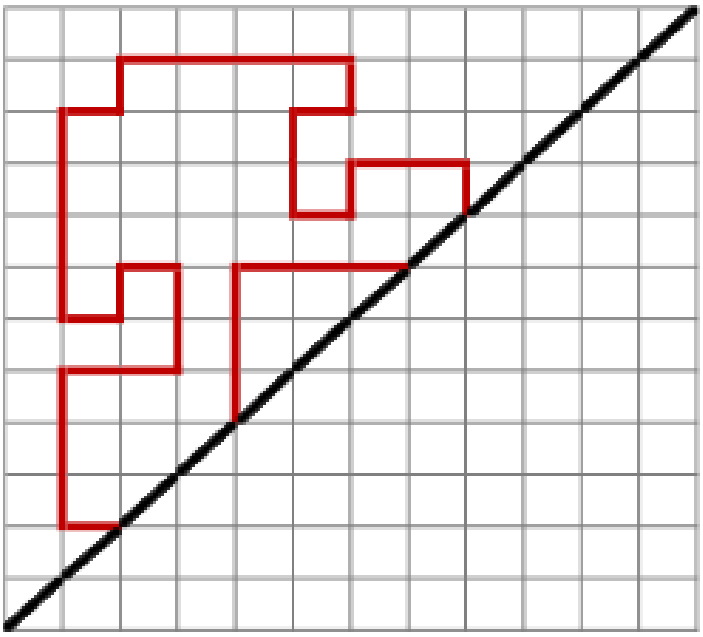
Set: Wednesday 25th April **Due in:** Monday 30th April

This week we have been revisiting many topics!

To support our learning this week, we would like the children to complete the following activities

Your child will also have a list of topics that they wish to revise using the Rising Stars revision guide. Our rock star times tables focus for next week will the 8 and 9 times tables.

Reflect the shape through the axis.



2.) $\frac{7564}{36}$ =

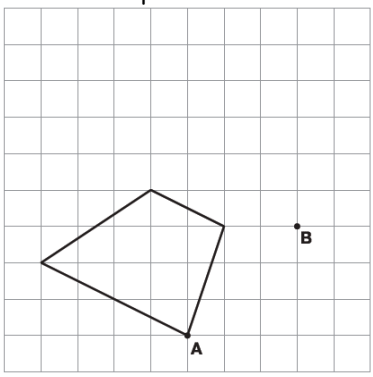
3.) 1,288 x 69 =

4.) 439 + 32,287 =

5.) 89,453 - 27,255 =

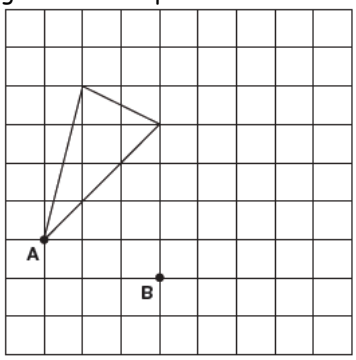
Parent feedback

1. Here is a quadrilateral on a square grid.
The shape is translated so that point **A** moves to point **B**.
Draw the shape in its new position.



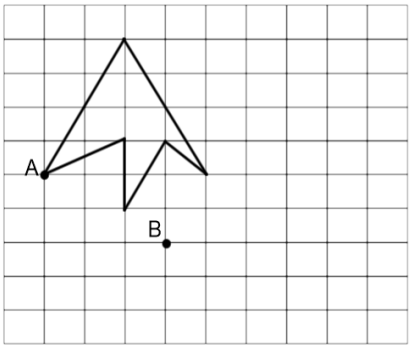
Describe HOW the shape has been translated (units up/down/left/right etc? _____

2. Here is a triangle on a square grid.
The triangle is translated so that point A moves to point B.
Draw the triangle in its new position.



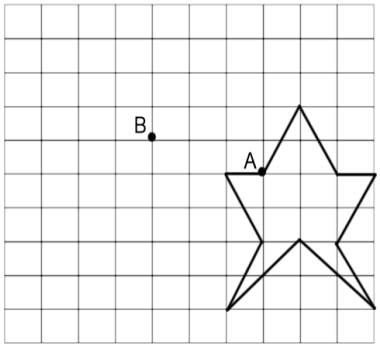
Describe HOW the shape has been translated (units up/down/left/right etc? _____

3. This irregular hexagon is translated so that point **A** moves to point **B**. Draw the shape in its new position.



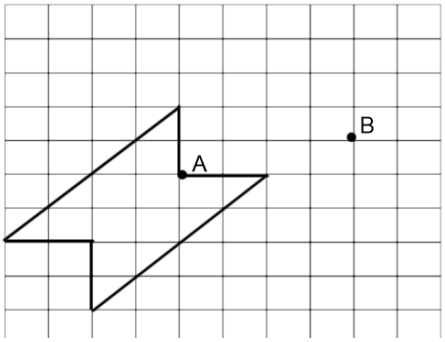
Describe HOW the shape has been translated (units up/down/left/right etc? _____

4. This irregular decagon is translated so that point **A** moves to point **B**. Draw the shape in its new position.



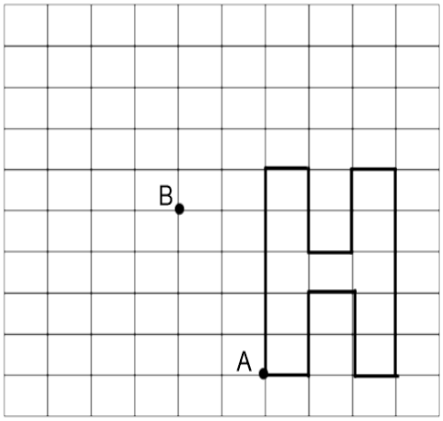
Describe HOW the shape has been translated (units up/down/left/right etc? _____

5. This irregular hexagon is translated so that point **A** moves to point **B**. Draw the shape in its new position.

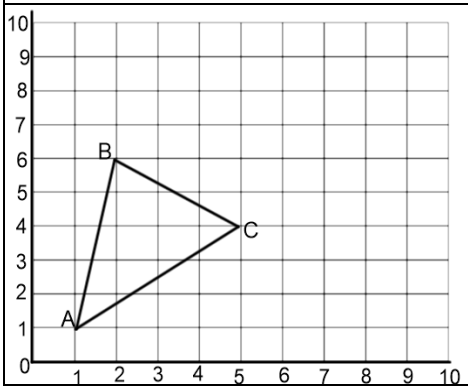


Describe HOW the shape has been translated (units up/down/left/right etc? _____

6. This irregular dodecagon is translated so that point **A** moves to point **B**. Draw the shape in its new position.

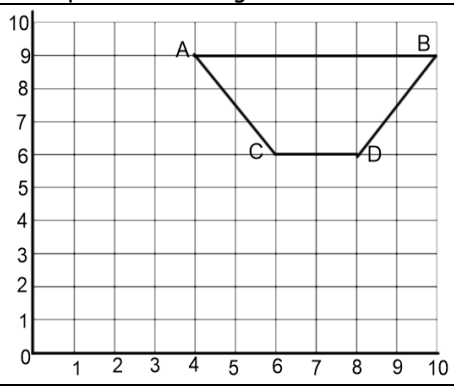


Describe HOW the shape has been translated (units up/down/left/right etc? _____



7. Translate this triangle 5 units right and 4 units up. What are the co-ordinates of the corners in the new position:

A:_____
B:_____
C:_____

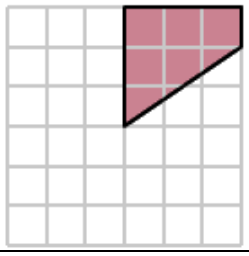


8. Translate this trapezium 3 units left and 5 units down.
What are the co-ordinates of the corners in the new position?

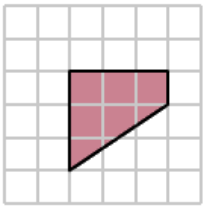
A: _____
B: _____
C: _____
D: _____

9.

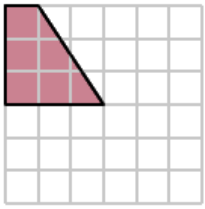
Look at this shape:



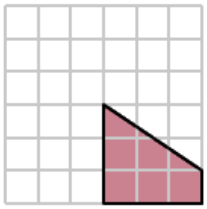
Which image shows a translation?



A



B

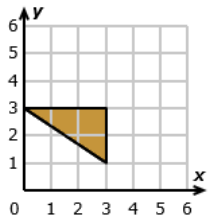


C

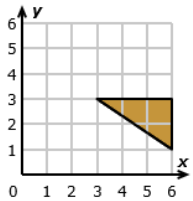
The answer is: _____
Describe HOW the shape has been translated. How many units left/right/up/down?
_____

10.

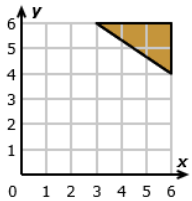
Start with this triangle:



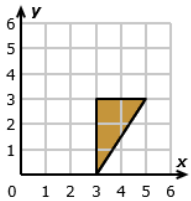
Translate the triangle up 3 and right 3. Which is the resulting triangle?



A



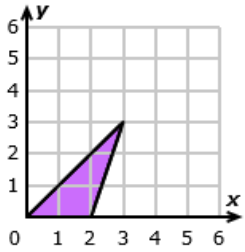
B



C

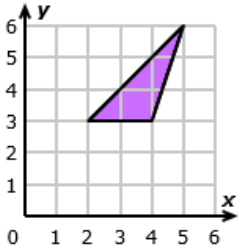
The answer is: _____
Why isn't it the other 2 pictures?
It isn't ____ because
_____
_____
It isn't ____ because
_____
_____
_____

11.

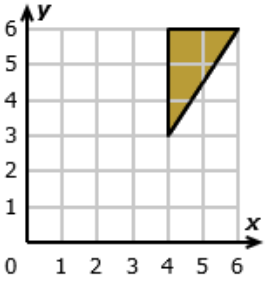


Describe how the triangle on the left, has been translated to create the diagram on the right:

_____
_____
_____

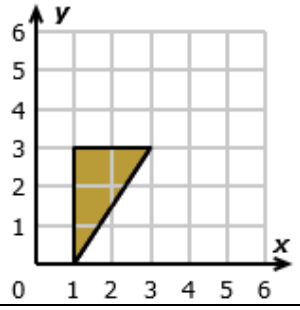


12.



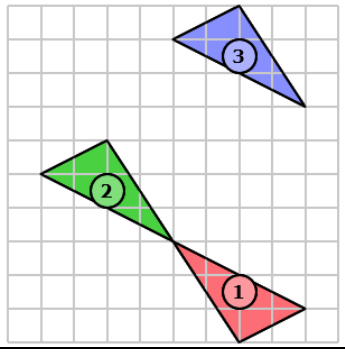
Describe how the triangle on the left, has been translated to create the diagram on the right:

_____
_____
_____



13.

What combination of transformations is shown below?



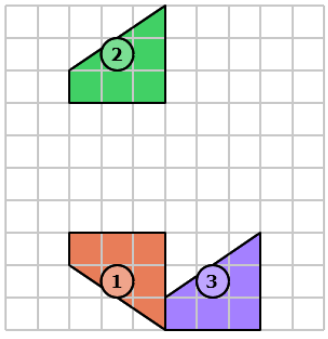
- rotation, then translation
- translation, then reflection
- rotation, then reflection
- translation, then rotation

Describe exactly how the shape transforms from 1, to 2, to 3.

_____
_____
_____

14.

What combination of transformations is shown below?



- rotation, then translation
- reflection, then translation
- rotation, then reflection
- reflection, then rotation

Describe exactly how the shape transforms from 1, to 2, to 3.

_____
_____
_____

FINALLY:
Describe: What is translating? What does it mean? _____
_____
Give 2 top tips to help someone else translate shapes: _____
_____