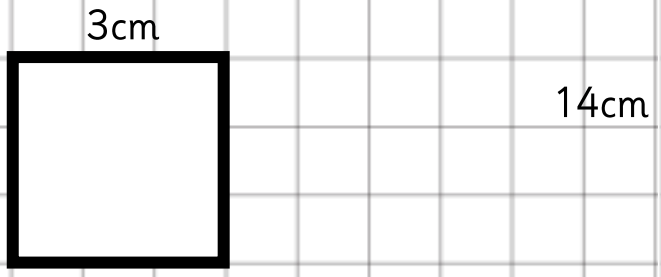
Friday 7th May 2021

MPI applying scale factors to drawings

1.

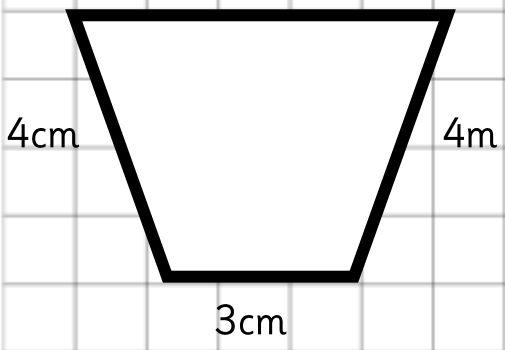
Increase by a scale factor of 3.

2.



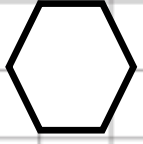
Increase by a scale factor of 5.

3.



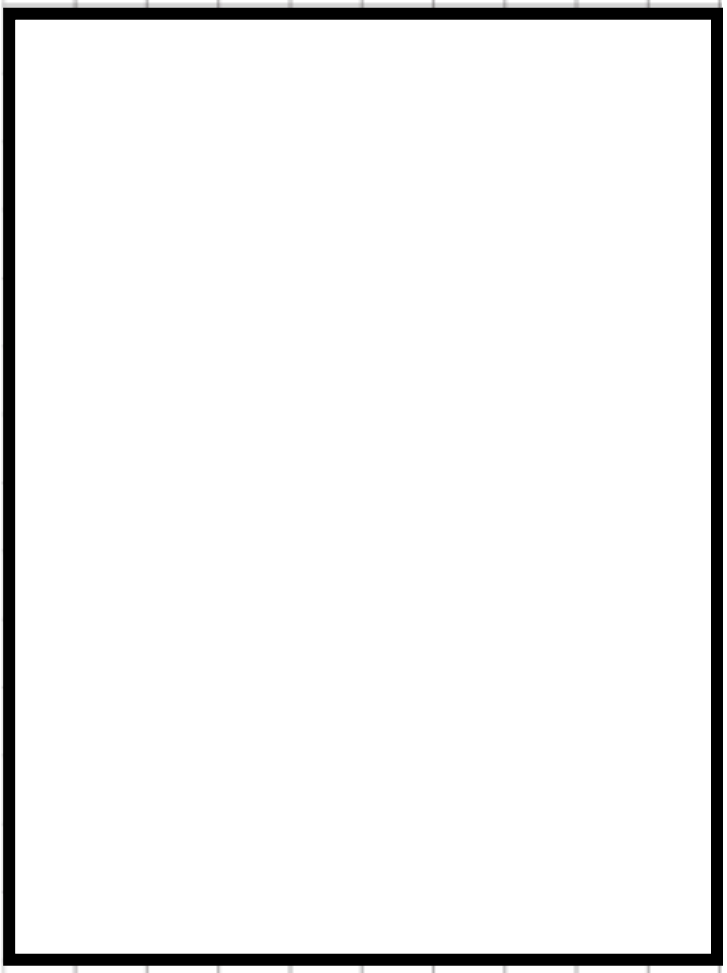
Increase by a scale factor of 2.

4.



Increase by a scale factor of 4.

5.



Decrease by a scale factor of 2.

6. Challenge: can you create your own shape and decide what scale factor it should be de-creased by.

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MPI applying scale factors to drawings-Challenge

The **perimeter** is the total measurement of all the edges of a **shape**. **Area** is the term used to define the **amount of space** taken up by a 2D shape or surface. We measure area in square units : cm^2 or m^2.

1. Can you find the perimeter of each shape.
2. Can you find the area of the square and rectangle.

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MPI applying scale factors to drawings-Challenge

The **perimeter** is the total measurement of all the edges of a **shape**. **Area** is the term used to define the **amount of space** taken up by a 2D shape or surface. We measure area in square units : cm^2 or m^2.

1. Can you find the perimeter of each shape.
2. Can you find the area of the square and rectangle.

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MPI applying scale factors to drawings-Challenge

The **perimeter** is the total measurement of all the edges of a **shape**. **Area** is the term used to define the **amount of space** taken up by a 2D shape or surface. We measure area in square units : cm^2 or m^2.

1. Can you find the perimeter of each shape.
2. Can you find the area of the square and rectangle.