



Knowledge

- What is area?

Skills

- Counting squares
- Making shapes
- Comparing area

Vocabulary

Metre, centimetre, millimetre, kilometre, length, width, area, squares, right angle, rectilinear, parallel, perpendicular, edge, ruler

Inspirational Mathematician

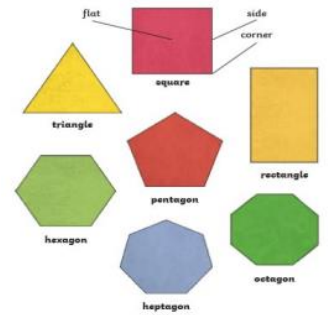
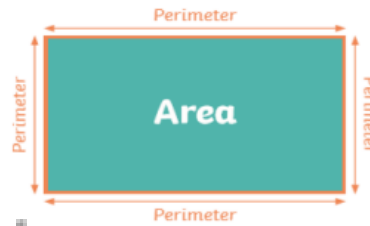
Teri Hatcher (1964-present)

Teri Hatcher is known for playing Lois Lane in the New Adventures of Superman. She also majored in mathematics and engineering at college. She aspired to teach high school maths and would still like to at some point in her career. She has won many prestigious awards for her acting (such as Golden Globes) but still keeps her passion for mathematics.



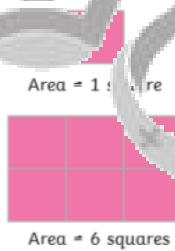
Area

The area is the amount of space inside of a two-dimensional (2D) shape.

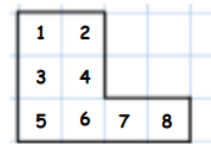


Area on a Grid

To calculate the area of a shape you can count the squares that are inside the shape.



This rectilinear shape has an area of 8 squares.



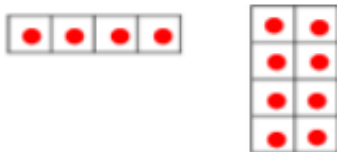
Rectilinear Shapes

A rectilinear shape is a 2D shape whose sides all meet at right angles (90°).



Comparing Area

When comparing the area remember to use the greater than (>) and less than (<) symbols.



4 squares < 6 squares
4 squares is less than 6 squares