PROPERTIES OF SHAPES

Key Concepts

Lines of symmetry

The number of lines that cut an image in half such that each half of the figure is the mirror image of the other half.

Order of rotation

The number of times a figure fits into itself in one complete rotation of 360 degrees.

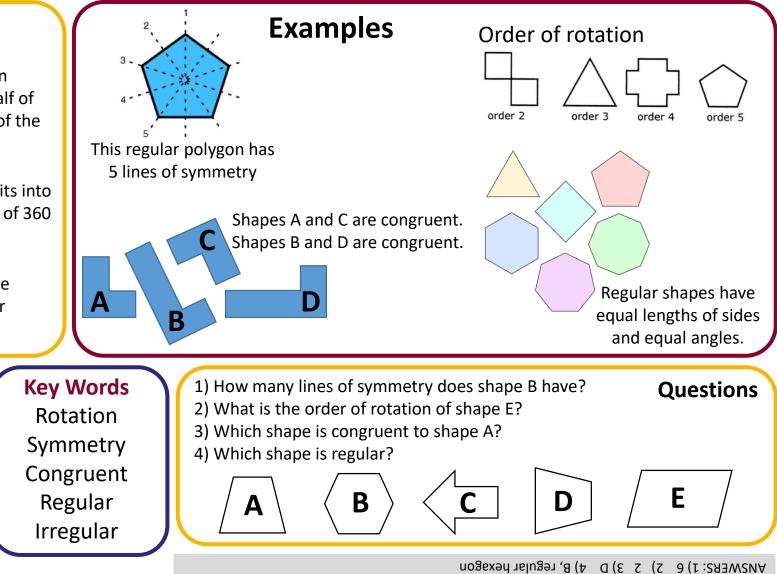
Congruent shapes

sparx

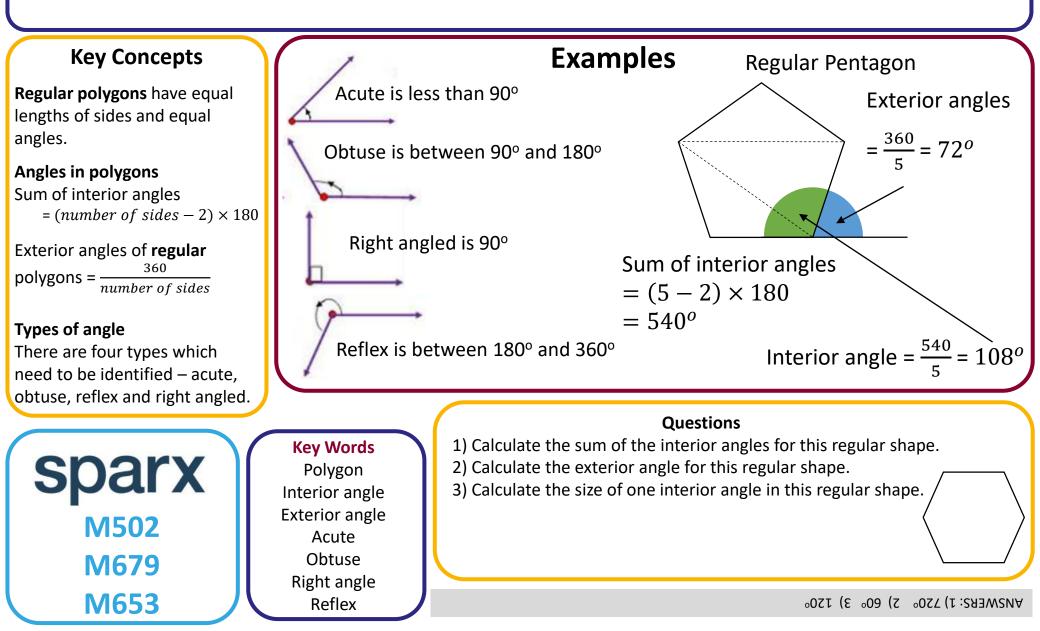
M276, M618,

M276, M523

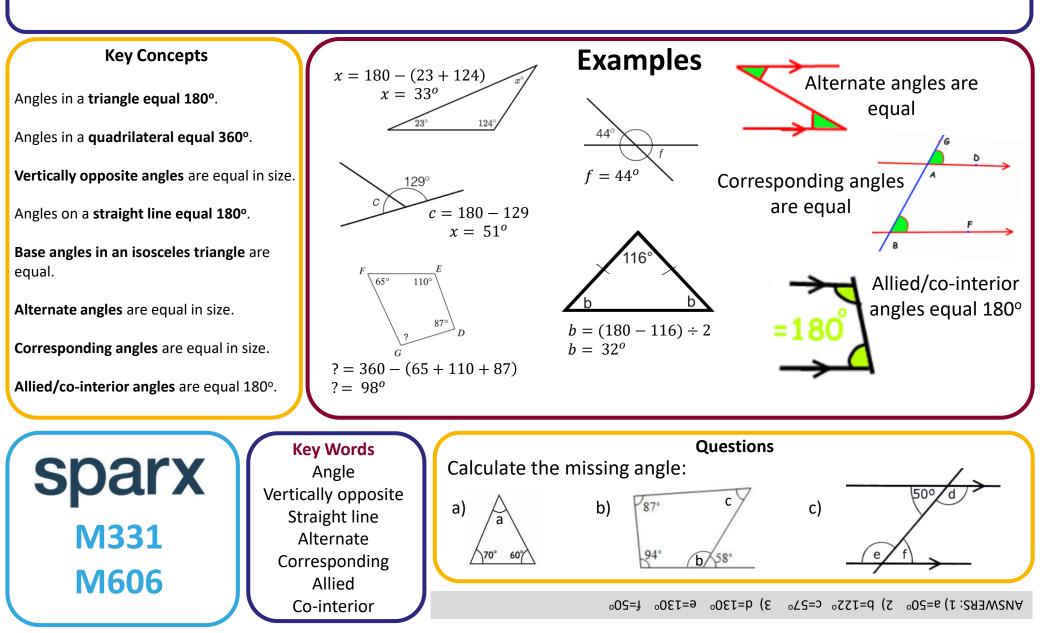
Images that are identical to one another. They can be flipped or rotated, not enlarged.



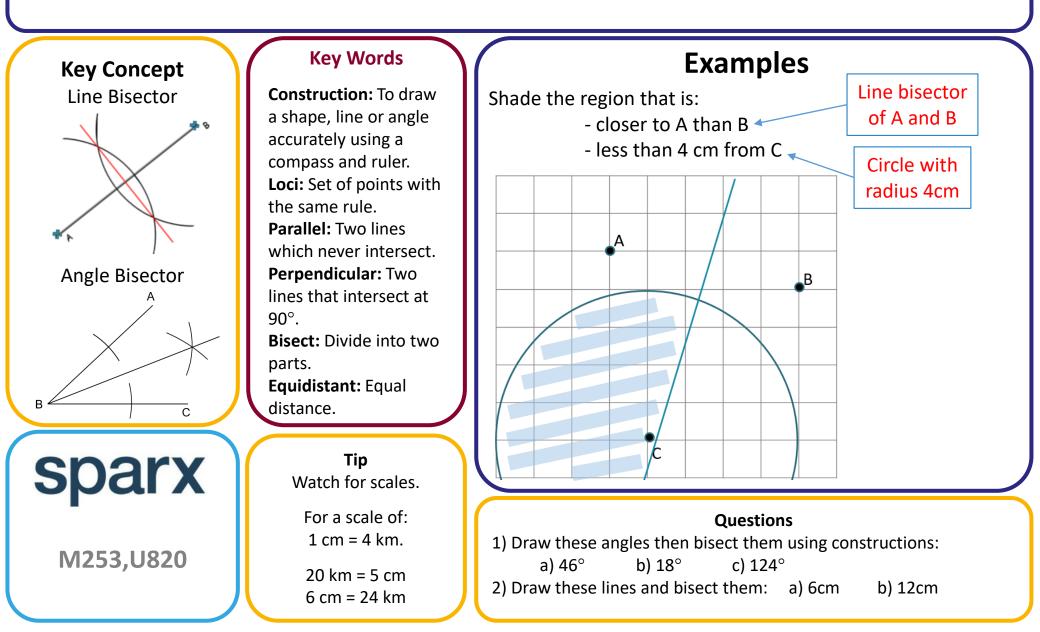
TYPES OF ANGLE AND ANGLES IN POLYGONS



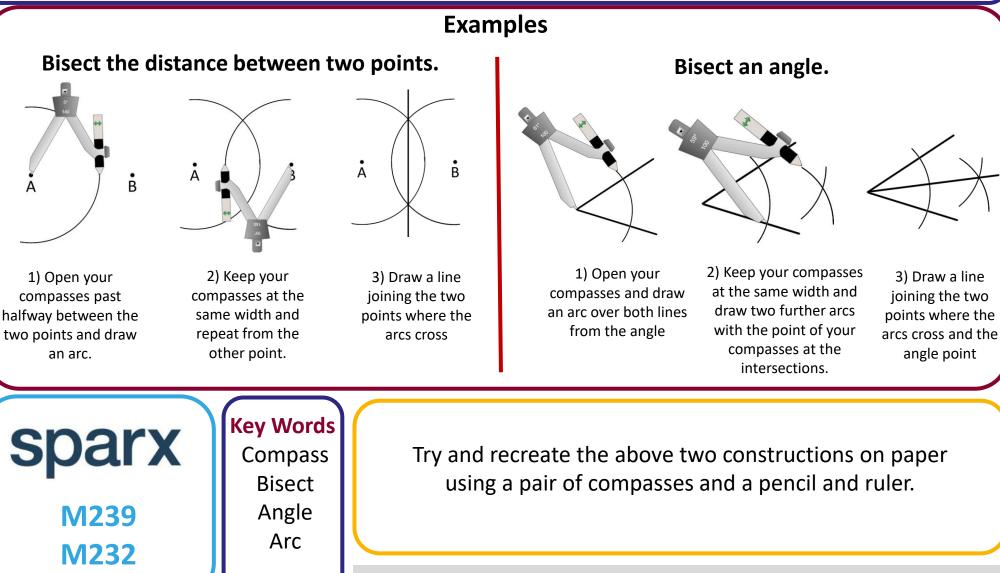
ANGLE FACTS INCLUDING ON PARALLEL LINES



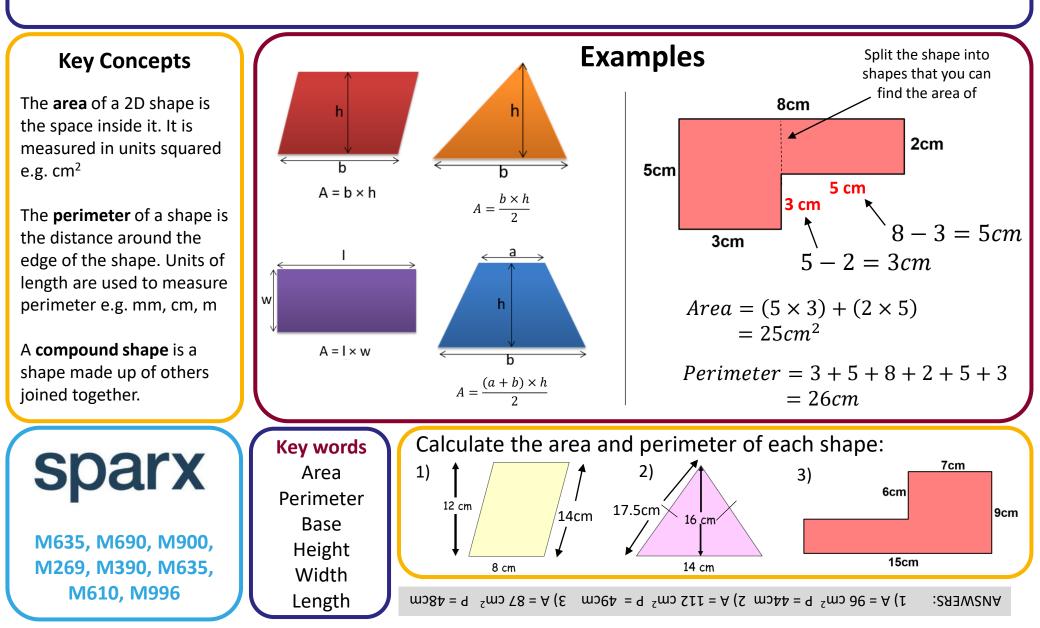
CONSTRUCTIONS



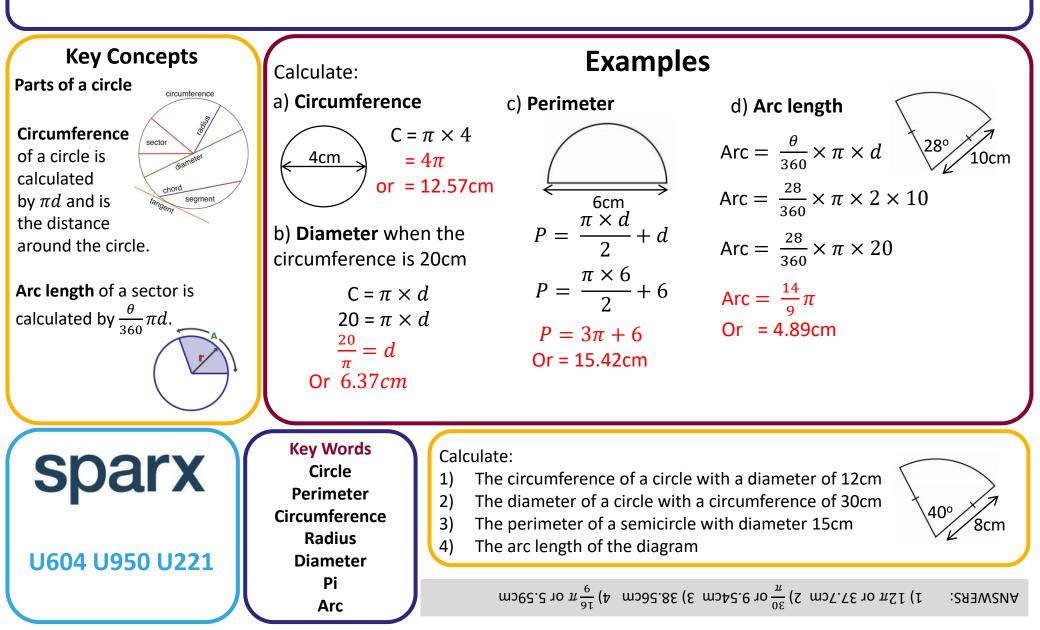
CONSTRUCTIONS



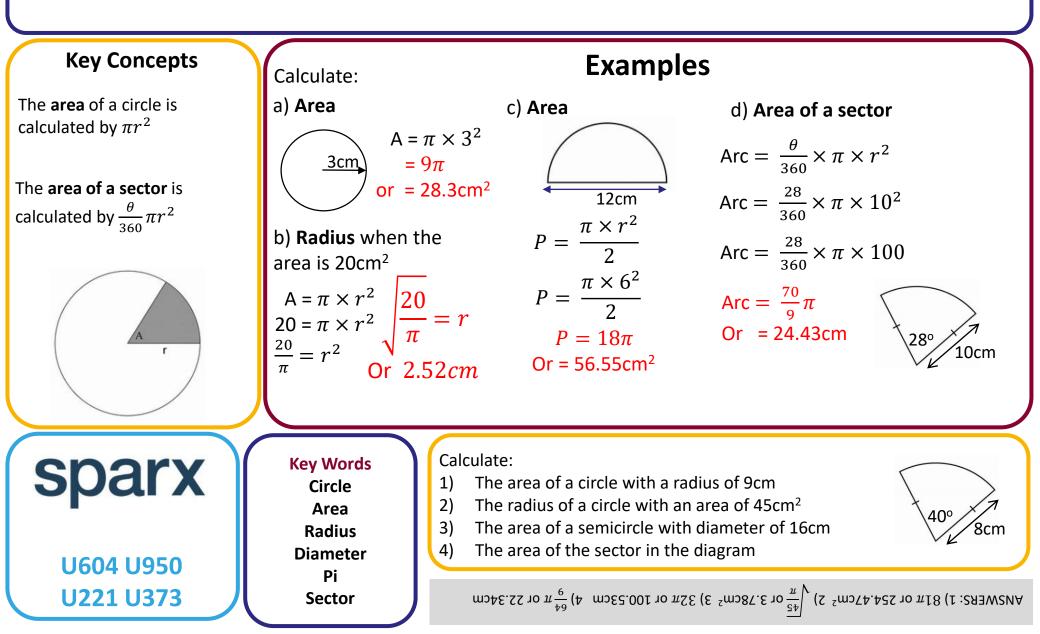
AREA AND PERIMETER OF BASIC SHAPES



PERIMETER AND CIRCUMFERENCE



AREA OF CIRCLES AND PART CIRCLES



REFLECTION, ROTATION AND TRANSLATION

