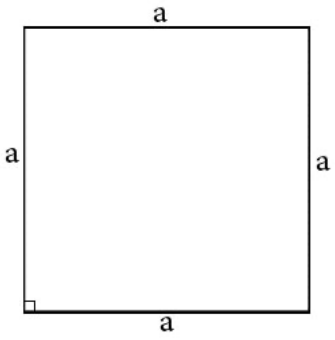
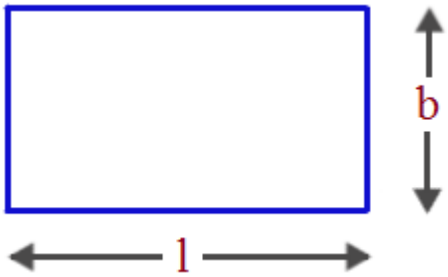
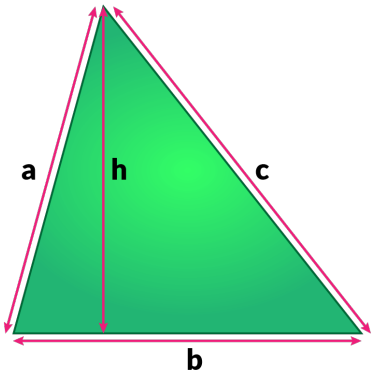
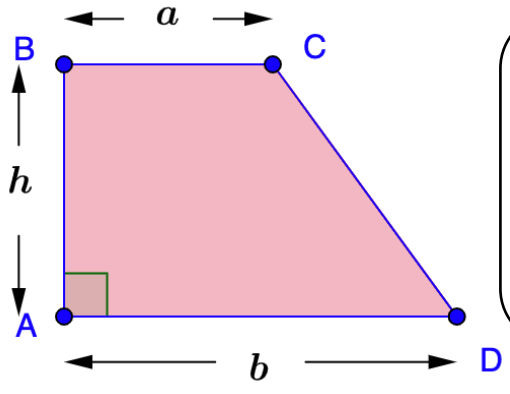
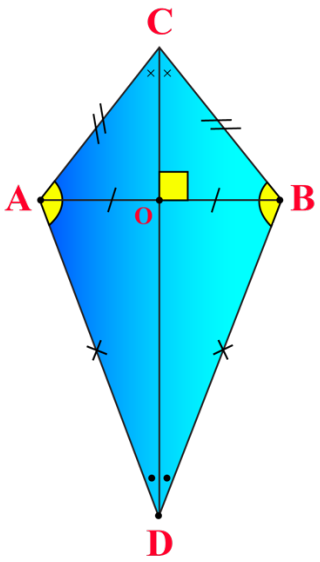
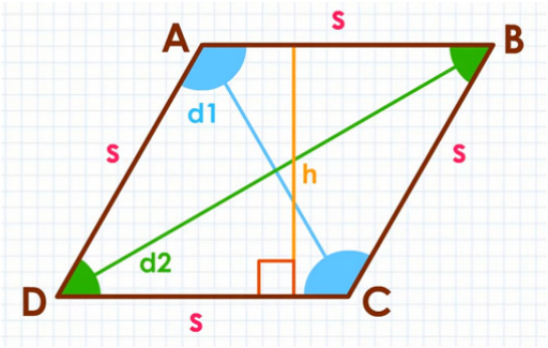
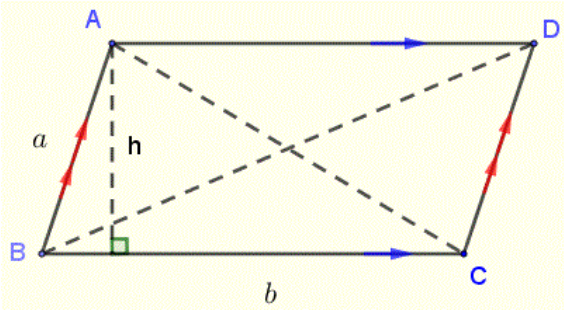
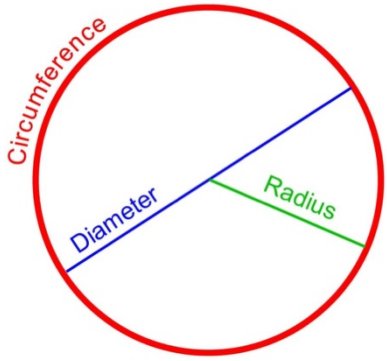
MYP MATHEMATICS

AREA & PERIMETER

Matteman

NAME	FIGURE & FORMULAE
Square	 Perimeter: $4 \times a$ Area: $a \times a = a^2$
Rectangle	 Perimeter: $2l + 2b$ Area: $l \times b$
Triangle	 Perimeter: a+b+c Area: $\frac{1}{2} \times b \times h$
Trapezium	 Perimeter: AB+AD+CD+BC Area: $\frac{1}{2} \times (a + b) \times h$

Kite		Perimeter: **AD+AC+BD+BC** Area: $\frac{1}{2} \times AB \times CD$ (half of the product of diagonals)
Rhombus		Perimeter: $4s$ Area: $h \times s$ or $\frac{1}{2} \times d_1 \times d_2$
Parallelogram		Perimeter: 2a +2b Area: $b \times h$
Circle		Circumference: $\pi \times$ d or $2\pi \times$ r **Area: πr^2**