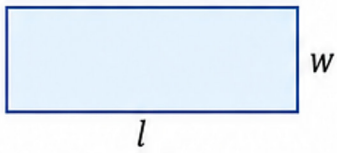
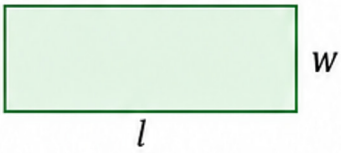
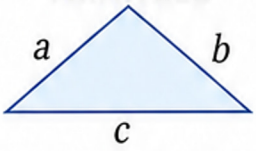
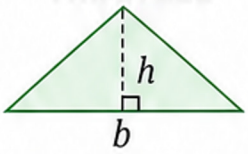
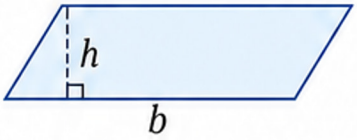
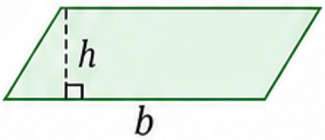
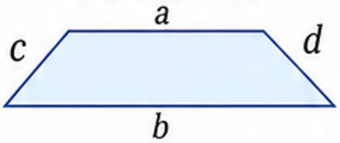
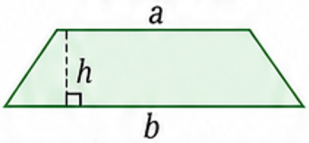
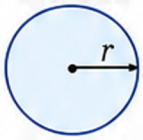
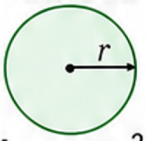
PERIMETER AND AREA FORMULA MAT

PERIMETER The total distance around a shape.	AREA The space inside a shape.
RECTANGLE  $P = 2(l + w)$	**RECTANGLE**  $A = l \times w$
SQUARE  $P = 4s$	**SQUARE**  $A = s^2$
TRIANGLE  $P = a + b + c$	**TRIANGLE**  $A = \frac{1}{2} b \times h$
PARALLELOGRAM  $P = 2(b + s)$ (s = side length)	**PARALLELOGRAM**  $A = b \times h$
TRAPEZIUM  $P = a + b + c + d$	**TRAPEZIUM**  $A = \frac{1}{2}(a + b) \times h$
CIRCLE  P (circumference) $= 2\pi r$	**CIRCLE**  $A = \pi r^2$

KEY VOCABULARY

Perimeter (P)
The total distance around the outside of a shape.

Area (A)
The amount of space inside a shape.

l	length
w	width
s	side length
a, b, c, d	side lengths
b	base
h	height (perpendicular distance)
r	radius
π	pi (approximately 3.1416)
☐	right angle (90°)
---	height (perpendicular)

EXAMPLES / WORK SPACE	COUNTERS / DRAWINGS	NOTES