Formulae activity

http://www.virtualmaths.org/activities/shapes/formulae

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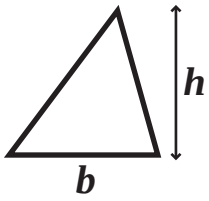
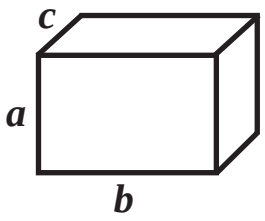
AREA

TRIANGLE



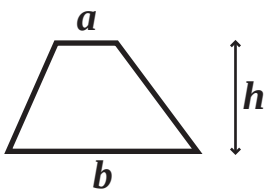
$\frac{1}{2}\,bh$

CUBOID



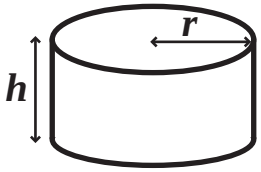
$2ab + 2ac + 2bc$

TRAPEZIUM



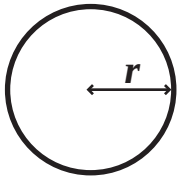
$\frac{1}{2}\,(a + b) \times h$

CYLINDER



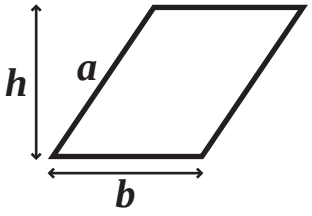
$2\pi r(r + h)$

CIRCLE



πr^2

PARALLELOGRAM



bh

INSTRUCTIONS

Print the 3 sheets, on card if available.
Cut out the hexagons and mix them up.
Ask the students to place the formula hexagons around the appropriate AREA, VOLUME & PERIMETER hexagons.

Formulae activity

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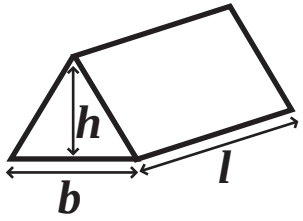
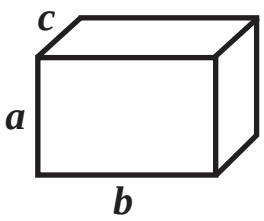
VOLUME

TRIANGULAR PRISM



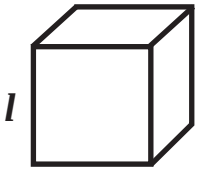
$\frac{1}{2}\,bhl$

CUBOID



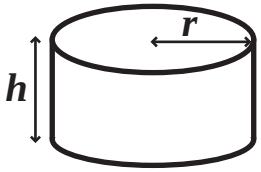
abc

CUBE



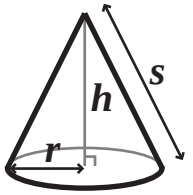
l^3

CYLINDER



$\pi r^2 h$

CONE



$\frac{1}{3}\,\pi r^2 h$

SPHERE

$\frac{4}{3}\,\pi r^2$

Formulae activity

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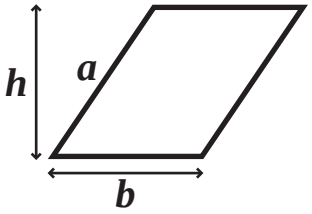
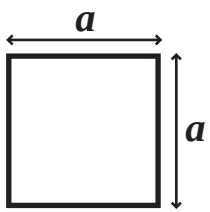
PERIMETER

PARALLELOGRAM



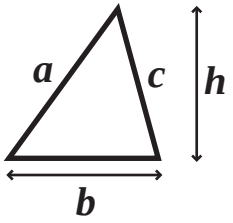
$2a + 2b$

SQUARE



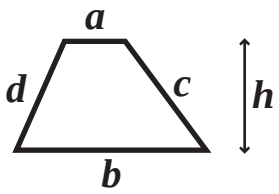
$4a$

TRIANGLE



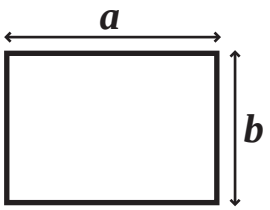
$a + b + c$

TRAPEZOID



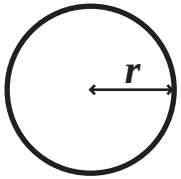
$a + b + c + d$

RECTANGLE



$2a + 2b$

CIRCLE



$2\pi r$