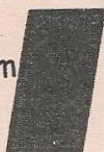


Geometry

Characteristics 1)
of 2)
Polygons 3)
4)

Area of a
Parallelogram
 $A = bh$



Area of a Triangle

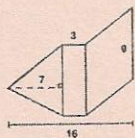
$$A = \frac{1}{2}bh$$



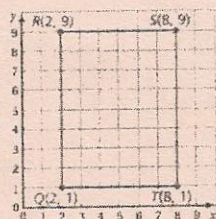
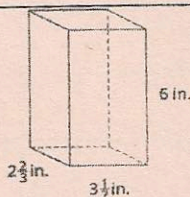
Area of a
Trapezoid
 $A = \frac{1}{2}(b_1 + b_2)h$



Area of Composite Figures:
Find the area of all
the shapes then add
them together.



Volume of
Rectangular
Prisms
 $V = lwh$



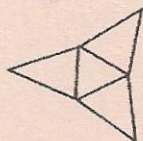
Polygons in the Coordinate Plane
Find the length of \overline{RS} : (2,9) and (8,9)
 \overline{QT}
Find the length of \overline{RQ} : (2,9) and (2,1)

Surface Area means to find the area of all the surfaces and
add them together.

Surface Area of Pyramids

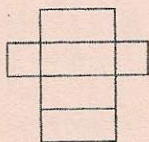


$$A = \frac{1}{2}bh \cdot 4 + bh$$



$$A = \frac{1}{2}bh \cdot 4$$

Surface Area of Prisms



$$A = bh \cdot 2 + bh \cdot 4$$



$$A = \frac{1}{2}bh \cdot 2 + bh \cdot 2 + bh$$

Net: A pattern you can fold into the model of a solid shape.