

WARMUP

1-7: Give the formula for each of the following.

1) Area of a Rectangle ★ $A = bh$	2) Area of a Square ★ $A = s^2$	3) Area of a Rhombus ★ $A = \frac{1}{2}d_1d_2$	4) Area of a Triangle ★ $A = \frac{1}{2}bh$
5) Area of a Parallelogram ★ $A = bh$	6) Perimeter of a Square ★ $P = 4s$	7) Perimeter of a Rectangle ★ $P = 2b + 2h$	8) What is key regarding the height and base of a figure? PERPENDICULAR!
9) Draw a 30-60-90 triangle. If the short leg has a length of b , find the lengths of the other sides of the triangle. long leg = $b\sqrt{3}$ hyp = $2b$	10) Draw a 45-45-90 triangle. If one of the legs has a length of c , find the lengths of the other sides of the triangle. leg = c hyp = $c\sqrt{2}$	11) Find the area of an equilateral triangle with height $6\sqrt{3}$ cm. $A = 36\sqrt{3}$ cm ²	12) Find the area of a rhombus with perimeter 100 cm and one diagonal 14 cm. $A = 336$ cm ²



