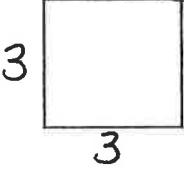
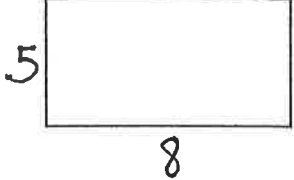
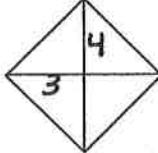
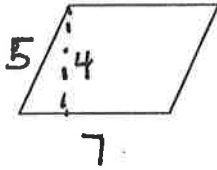
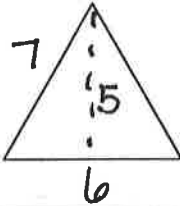
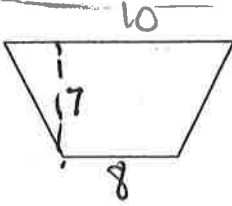
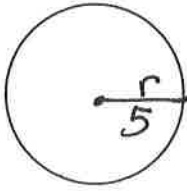
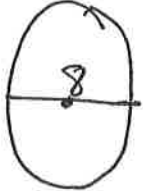


Unit 5 Geometry Notes

Name: Notes

Area Review

Shape	Formula	Example
Square/Rectangle	lw	$3 \cdot 3 = 9 \text{ units}^2$  $5 \cdot 8 = 40 \text{ units}^2$ 
Rhombus	$\frac{1}{2}(d_1)(d_2)$	 $\frac{1}{2}(6)(8) = 24 \text{ units}^2$
Parallelogram	bh	 $7 \cdot 4 = 28 \text{ units}^2$
Triangle	$\frac{1}{2}bh$	 $\frac{1}{2}(6)(5) = 15 \text{ units}^2$
Trapezoid	$\frac{1}{2}h(b_1 + b_2)$	 $\frac{1}{2}(7)(10+8) = 63 \text{ units}^2$
Circle	$A = \pi r^2$ $C = \pi d$	 

$$A = \pi \cdot 5^2 = 25\pi = 78.5 \text{ units}^2$$

$$C = \pi \cdot 10 = 10\pi = 31.4 \text{ units}$$

$$A = \pi \cdot 4^2 = 16\pi = 50.3 \text{ units}^2$$

$$C = \pi \cdot 8 = 25.1 \text{ units}$$