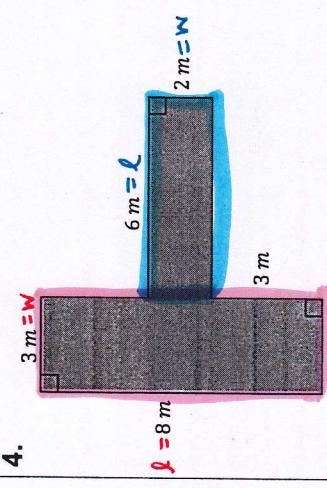
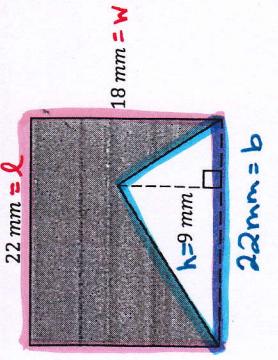
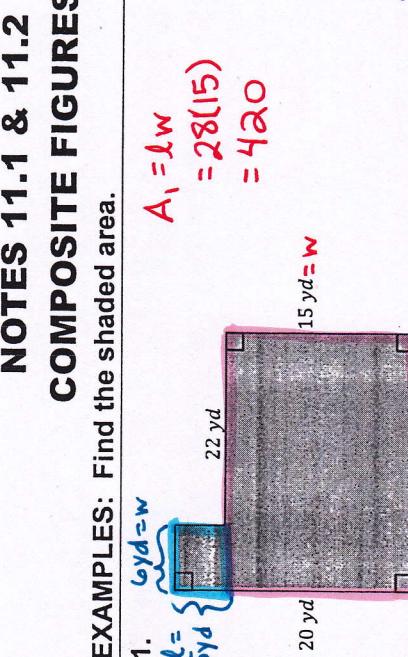
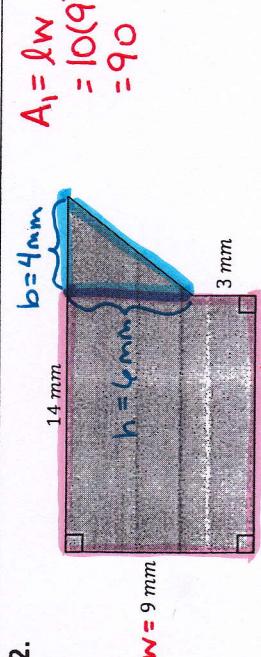
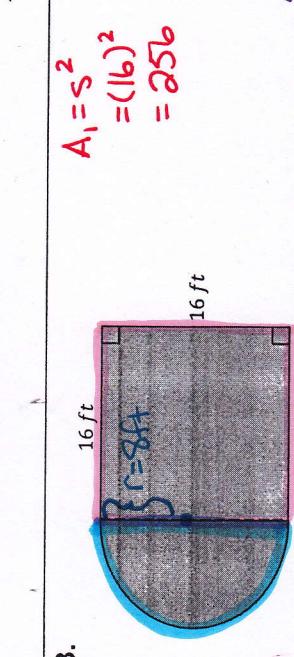


NOTES 11.1 & 11.2 COMPOSITE FIGURES

EXAMPLES: Find the shaded area.

$A_1 = \ell w$ $= 8(3)$ $= 24$	$A_2 = \ell w$ $= 6(2)$ $= 12$
	$A = A_1 + A_2$ $A = 2^4 + 12$ $A = 36 \text{ m}^2$
$A_1 = \ell w$ $= 22(18)$ $= 396$	$A_2 = \frac{1}{2}bh$ $= \frac{1}{2}(22)(9)$ $= 99$
	$A = A_1 - A_2$ $A = 396 - 99$ $A = 297 \text{ mm}^2$

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$A_1 = \ell w$ $= 28(15)$ $= 420$	$A_2 = \ell w$ $= 5(6)$ $= 30$
	$A = A_1 + A_2$ $A = 420 + 30$ $A = 450 \text{ yd}^2$
$A_1 = \ell w$ $= 10(9)$ $= 90$	$A_2 = \frac{1}{2}bh$ $= \frac{1}{2}(4)(6)$ $= 12$
	$A = A_1 + A_2$ $A = 90 + 12$ $A = 102 \text{ mm}^2$
$A_1 = s^2$ $= (16)^2$ $= 256$	$A_2 = \frac{1}{2}\pi r^2$ $= \frac{1}{2}\pi(8)^2$ $= \frac{1}{2}\pi(64)$ $= 32\pi$
	$A = A_1 + A_2$ $A = 256 + 32\pi$ $A = 256 + 32\pi \text{ ft}^2$

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