5-15-18

Aim: SWBAT find the area of composed figures.

HW: **Final Review Packet due May 29**

Do Now: Check hw

Pg. 34 # 3-13 odd, 21-22

(3) $P = 6+6+9+9$
$P = 30\ yds$

$A = bh$
$A = 9 \cdot 6$
$A = 54\ yd^2$

(5) $P = 5+5+5+5$
$P = 20\ m$

$A = bh$
$A = 5 \cdot 5$
$A = 25\ m^2$

(7) It should be $15\ m^2$ ←

(9) $P = 4s$
$\frac{24}{4} = \frac{4s}{4}$
$6_{in.} = s$

(11) $A = bh$
$A = 18 \cdot 18$
$A = 324\ in^2$

(13) $A = bh$
$\frac{88}{8} = \frac{b \cdot 8}{8}$
$11_{in.} = b$

(21) $P = 6+3+6+9+12+12$
$P = 48\ in.$

$A = 6 \cdot 3 + 9 \cdot 12$
$A = 18 + 108$
$A = 126\ in.^2$

(22) $P = 10+10+10+3+4+4+4+3$
$P = 48\ cm$

$A = 10 \cdot 6 + 3 \cdot 4 + 3 \cdot 4$
$A = 60 + 12 + 12$
$A = 84\ cm^2$

Pg. 145 # 3-11 odd

(3) $P = 5+5+6$
$P = 16\ cm$

$A = \frac{bh}{2}$
$A = \frac{6 \cdot 4}{2}$
$A = 12\ cm^2$

(5) $P = 12+5+13$
$P = 30\ ft$

$A = \frac{bh}{2}$
$A = \frac{5 \cdot 12}{2}$
$A = \frac{60}{2}$
$A = 30\ ft^2$

(7) $A = bh$
$\frac{18}{6} = \frac{6x}{6}$
$3_{ft} = x$

(9) $P = c + 23 + 17$
$60 = c + 40$
$-40 \quad -40$
$20_{m} = c$

(11) $A = 12 \cdot 12 + 18 \cdot 12 + 12 \cdot 12$
$A = 144 + 216 + 144$
$A = 504\ in.^2$

Pg. 523 #4-6, 15-17, 29, 31

(4) $A = bh$
$A = 7 \cdot 5$
$A = 35\ ft^2$

(5) $A = bh$
$A = 13 \cdot 10$
$A = 130\ cm^2$

(6) $A = bh$
$A = 5 \cdot 14$
$A = 70\ in.^2$

(15) $A = \frac{(b_1 + b_2)h}{2}$
$A = \frac{(18+9)(12)}{2}$
$A = \frac{27 \cdot 12}{2}$
$A = \frac{324}{2}$
$A = 162\ in.^2$

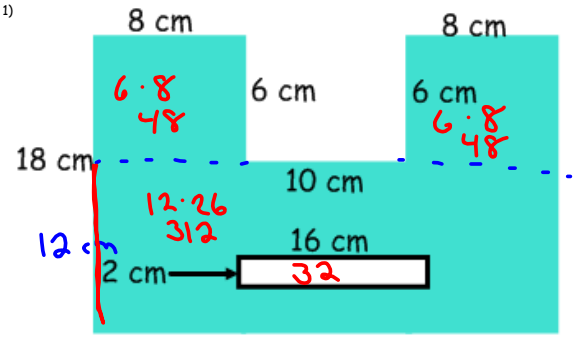
(16) $A = \frac{(b_1 + b_2)h}{2}$
$A = \frac{(5+10)(12)}{2}$
$A = \frac{(15)(12)}{2}$
$A = \frac{180}{2}$
$A = 90\ yd^2$

(17) $A = \frac{(b_1 + b_2)h}{2}$
$A = \frac{(10+54)(15)}{2}$
$A = \frac{64 \cdot 15}{2}$
$A = \frac{960}{2}$
$A = 480\ m^2$

(29) $A = bh$
$\frac{84}{12} = \frac{b \cdot 12}{12}$
$7\ cm = b$

(31) $A = \frac{(b_1 + b_2)h}{2}$
$100 = \frac{(10+15)h}{2}$
$2 \cdot 100 = \frac{25h}{2} \cdot 2$
$\frac{200}{25} = \frac{25h}{25}$
$8\ in. = h$

1)



$A = bh$ $A = 6 \cdot 8$ $A = 48\ cm^2$

$A = bh$ $A = 6 \cdot 8$ $A = 48\ cm^2$

$A = bh$ $A = 12 \cdot 26$ $A = 312\ cm^2$

$A = bh$ $A = 2 \cdot 16$ $A = 32\ cm^2$

$48 + 48 + 312 - 32$

$376\ cm^2$

26 cm

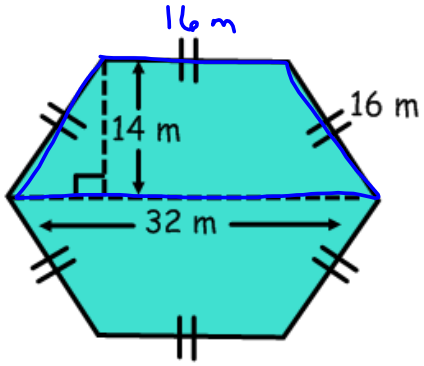
$A = bh$ $A = 26 \cdot 18$ $A = 468\ cm^2$

$A = bh$ $A = 10 \cdot 6$ $A = 60\ cm^2$

$A = bh$ $A = 16 \cdot 2$ $A = 32\ cm^2$

$468 - 60 - 32 = 376\ cm^2$

2)



$$A = \frac{(b_1 + b_2)h}{2}$$

$$A = \frac{(16 + 32) \cdot 14}{2}$$

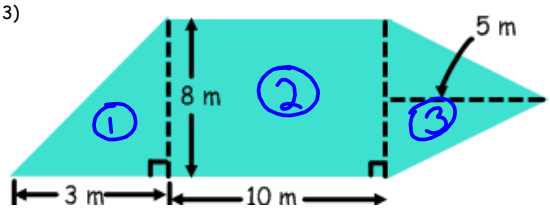
$$A = \frac{48 \cdot 14}{2}$$

$$A = 336\ m^2$$

$2 \cdot 336$

$672\ m^2$

3)



① $A = \frac{bh}{2}$ $A = \frac{3 \cdot 8}{2}$ $A = 12\ m^2$

② $A = bh$ $A = 10 \cdot 8$ $A = 80\ m^2$

③ $A = \frac{bh}{2}$ $A = \frac{8 \cdot 5}{2}$ $A = 20\ m^2$

$12 + 80 + 20 = 112\ m^2$