Feb. 21, 2019
Periods 1,2,4,6

Warm Up -Area and Perimeter in the Real World pg.37

Check Homework -

Class Work - Area of Special Shapes, pg. 26, and pg. 29 (wkshts)

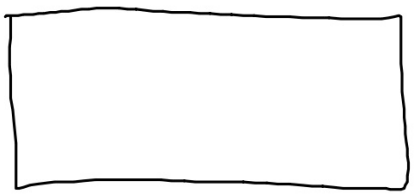
Homework - Area of Special Shapes Practice pg. 35

2ft = 24in.

tube = $40in^2$

6ft. = 72in

$A = 24 \cdot 72$



2ft

6 ft

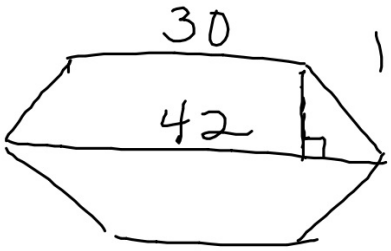
24in

72in

$40 in^2$ tube

Convert feet to inches first

5) $25,300\ yd.^2$



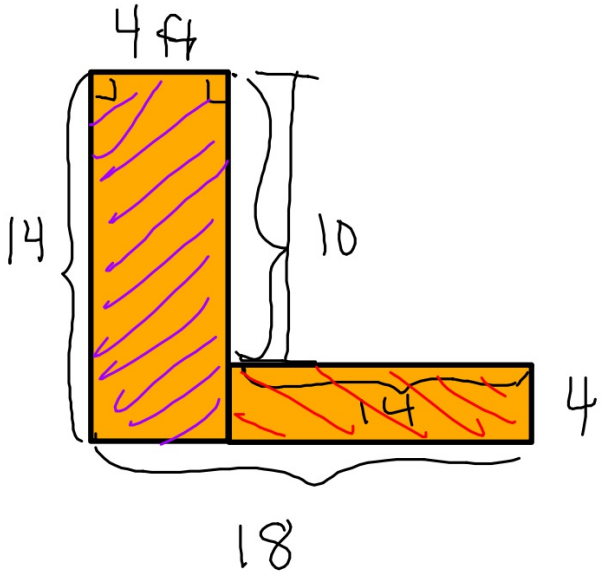
$A = \frac{1}{2}(b_1 + b_2)h$ ✓

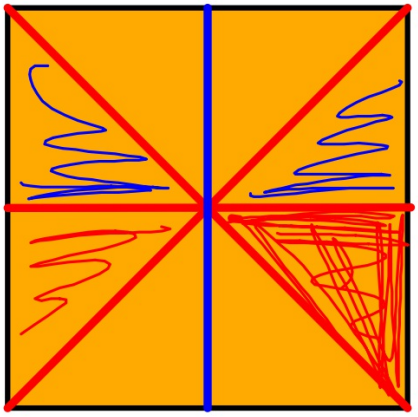
$\frac{1}{2}(72)\,15.5$

$36(15.5)$

$558\ ft.^2\ (2)$ ✓

$1116\ ft.^2 \cdot \$3 = \boxed{\$3348}$ ✓



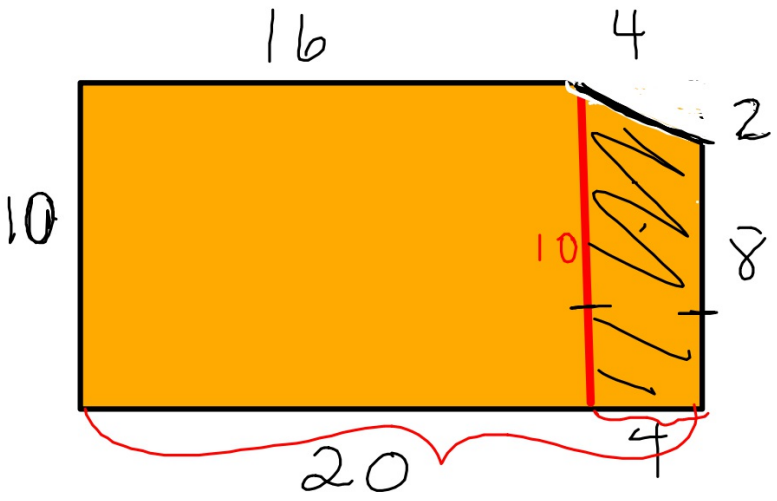


$4 \cdot 14 = 56$

56

112 ft.^2

$\frac{1}{8} \text{ unit}^2$



$A = \frac{1}{2}(b_1 + b_2)h$

$\frac{1}{2}(8+10)4$

$9 \cdot 4$

$36\ m^2$

$200\ m^2$

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

200

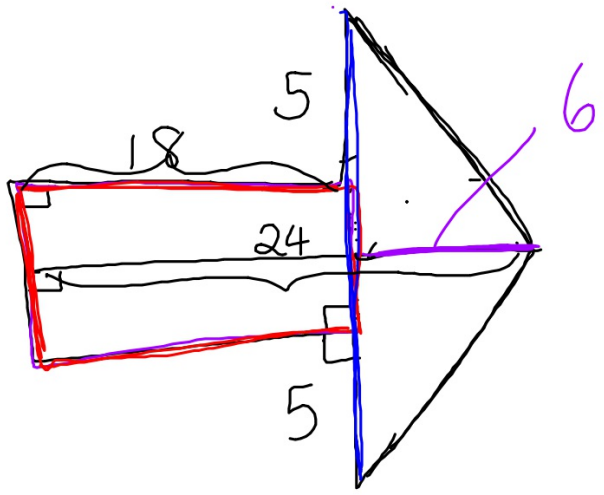
$-\ 4$

$196 m^2$

$+ 160\ m^2$

$196 m^2$

$A = 240 ft.^2$ 10



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

$\frac{1}{2}(20)(6)$

$A = 60 ft.^2$

$A = bh$

$18 \cdot 10$

$A = 180 ft^2$

Feb. 21, 2019
Period 5

Warm Up - Distributive Property Quiz

In order to receive full credit, you must show the "distribution" of the factor in front of the parenthesis to each value inside the parenthesis. Just giving the answer is not enough.

Example: 4(3 -X)

(4 * 3) - (4 * X)

12 - 4X

4(3-X)

(4·3)-(4·X)

12-4X

Class Work -

Video - Writing Algebraic Expressions

Pg. 69 Writing Algebraic Expressions

Writing Algebraic Expressions: Key Words

$8(2x+3)$

$(8 \cdot 2x) + (8 \cdot 3)$

$16x + 24$

$10(2-5x)$

$(10 \cdot 2) - (10 \cdot 5x)$

$20 - 50x$

$4(4x+3)$

$(4 \cdot 4x) + (4 \cdot 3)$

$16x + 12$

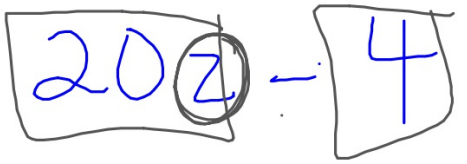
$2(10x-2)$

$(2 \cdot 10x) - (2 \cdot 2)$

$20x - 4$

5 and 8
like

not like

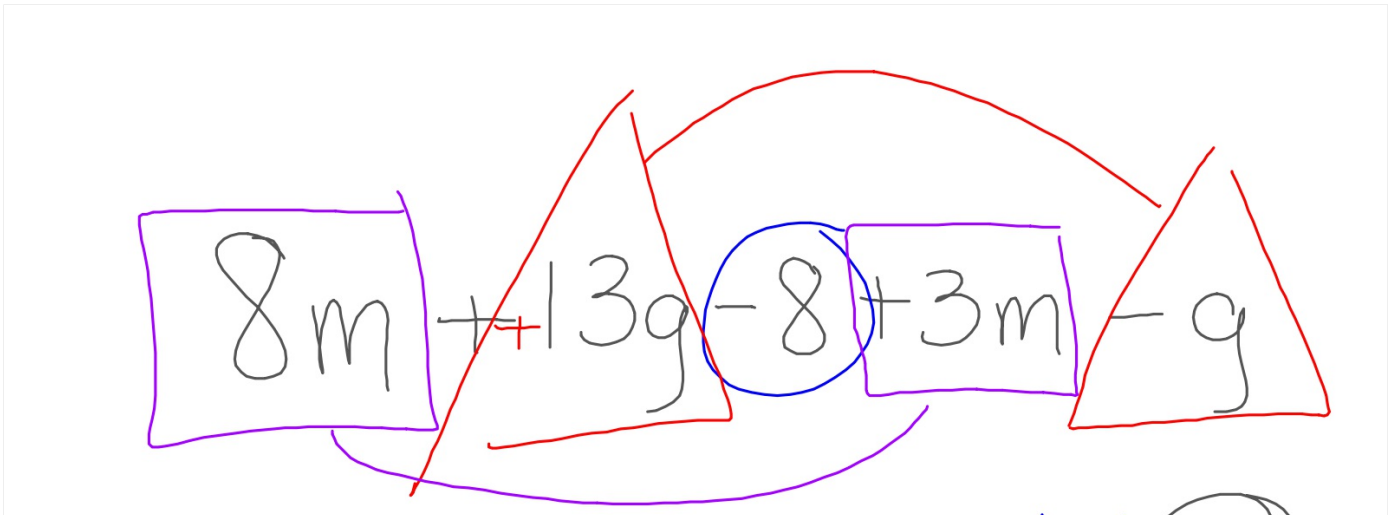


Like terms - terms are terms that have the same variable(raised to the same power) or constants.

constant: a value that does not change, it remains constant

coefficient: the number that is multiplied by a variable in an algebraic expression. 4S

terms: parts of an expression that are separate by a + or a - sign.



ggggggg

ggggg

12g + 11m - 8

constant