December 5, 2011

Get out your homework... ~~Pink~~ Worksheet

from Thursday WS11

11) $10 - 3k = 19$

$-10 \quad -10$

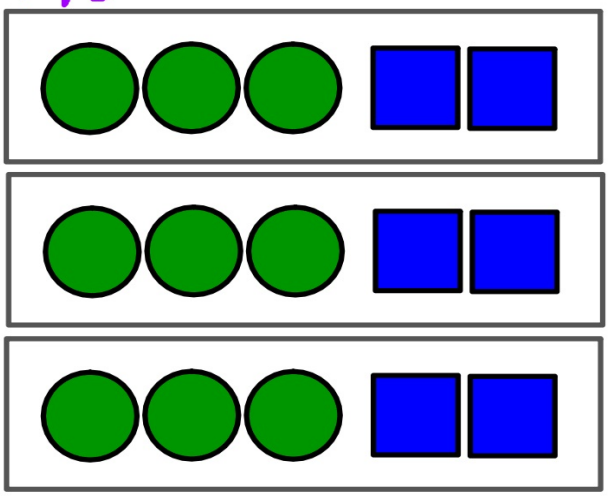
$-3k = 9$

$\frac{-3k}{-3} = \frac{9}{-3}$

$k = -3$

~~1.1.3~~ - Distributing and Combining Like Terms

12/5



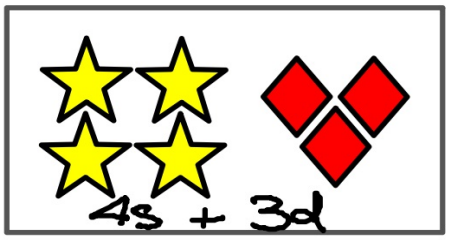
3 greens and 2 blues

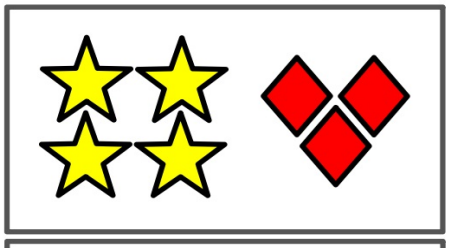
3g+2b

3g+2b

3g+2b

$3(3g+2b) = 9g+6b$





$3(4s+3d)$

$= 12s + 9d$

$2(6c+2x)$

$= 12c + 4x$

$3(2x-4)$

$= 6x - 12$

$-5(7+2k)$

$= -35 - 10k$

$= -10k - 35$

The part with the variable needs to go first.

$4(1.5n+3.2)$

$= 6n + 12.8$

$0.7(4.1-1.2b)$

$= 2.87 - 0.84b$

$= -0.84b + 2.87$

$1.5 \times 4 = 6.0$

$3.2 \times 4 = 12.8$

$4.1 \times 0.7 = 2.87$

$1.2 \times 0.7 = .84$

$$\frac{5}{6}\left(-\frac{1}{3}c-3\right)$$

$$= -\frac{5}{18}c - 2\frac{1}{2}$$

$$\frac{5}{6}\cdot\frac{-1}{3} \qquad \frac{5}{\cancel{6}_{2}}\cdot\frac{-\cancel{3}}{1}$$

$$= -\frac{5}{18} \qquad = \frac{-5}{2}$$

$$2\frac{1}{2}\left(d-\frac{1}{2}\right)$$

$$= 2\tfrac{1}{2}d - 1\tfrac{1}{4}$$

$$2\tfrac{1}{2}\cdot\frac{1}{2}$$

$$= \frac{5}{2}\cdot\frac{1}{2}$$

$$= \frac{5}{4}$$

Homework

Pink Worksheet WS 8

due Wednesday