

NOVEMBER 19, 2014^{4th}

STARTER

Simplify each expression.

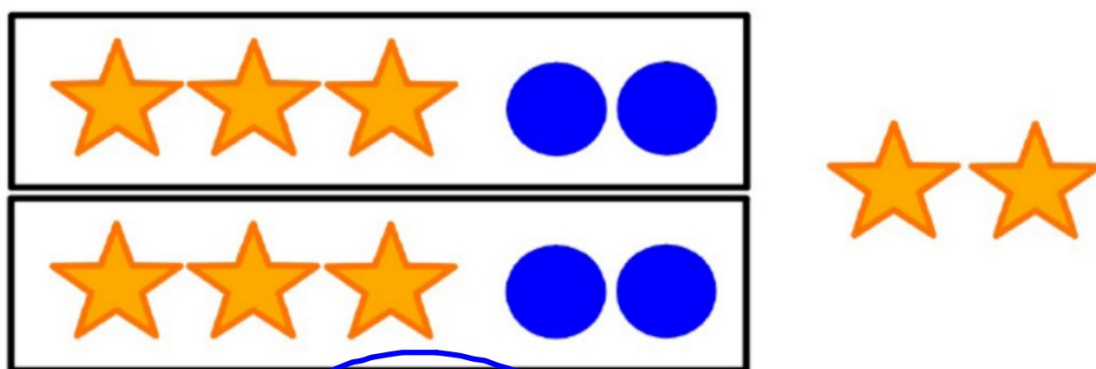
$$1) -8r + 2r$$
$$= -10r$$

$$2) \underline{2} + \underline{8n} + \underline{4n} - \underline{1}$$
$$= 12n + 1$$

$$3) (-9b + 5) \cdot 4$$
$$= -36b + 20$$

$$4) 9(-5 + 5v)$$
$$= 45v - 45$$

11/19 Distribution with LIKE terms



$$\begin{aligned} & 2(3s + 2c) + 2s \\ &= 6s + 4c + 2s \\ &= 8s + 4c \end{aligned}$$



$$\begin{aligned} & 3(2c + x) + 2x \\ &= 6c + \underbrace{3x + 2x} \\ &= 6c + 5x \end{aligned}$$

DISTRIBUTE THEN ADD LIKE TERMS!

$$\begin{aligned} & 5(4n-3)+5 \\ = & 20n - \underline{15} + \underline{5} \\ = & 20n - 10 \end{aligned}$$

$$\begin{aligned} & 4(2k+3)-3k \\ = & 8k + 12 - 3k \\ = & 5k + 12 \end{aligned}$$

$$\begin{aligned} & 3c - (10 - 2c) \\ &= 3c - 10 + 2c \\ &= 5c - 10 \end{aligned}$$

$$\begin{aligned} & 4k + (7 - 8k) \\ &= 4k + 7 - 8k \\ &= -4k + 7 \end{aligned}$$

$$\begin{aligned} & -0.3(1.5d - 2.7) + 7.6 \\ &= -0.45d + 0.81 + 7.6 \\ &= -0.45d + 8.41 \end{aligned}$$

$$\begin{array}{r} \overset{1}{1.5} \\ \times 0.3 \\ \hline .45 \end{array}$$

$$\begin{array}{r} \overset{2}{2.7} \\ \times 0.3 \\ \hline .81 \end{array}$$

$$\begin{array}{r} \overset{1}{7.60} \\ + 0.81 \\ \hline 8.41 \end{array}$$

HOMWORK

DUE