

# NOVEMBER 18, 2014

5<sup>TH</sup>  
6<sup>TH</sup>

## STARTER

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$$1. \quad -4(-15) = 60$$

*Handwritten work:*  
$$\begin{array}{r} 75 \\ 4 \\ \hline 60 \end{array}$$

$$2. \quad -1.2(4.7) = -5.64$$

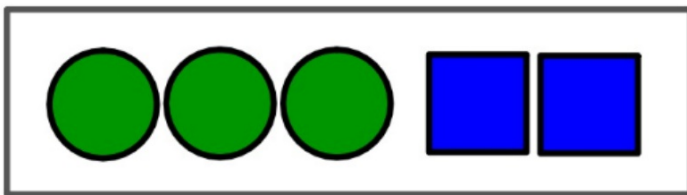
*Handwritten work:*  
$$\begin{array}{r} 4.7 \\ 1.2 \\ \hline 194 \\ 47 \\ \hline 564 \end{array}$$

$$3. \quad 24(-5.9) = -141.6$$

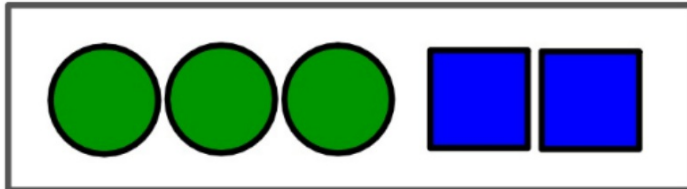
*Handwritten work:*  
$$\begin{array}{r} 5.9 \\ \times 24 \\ \hline 236 \\ 118 \\ \hline 1416 \end{array}$$

PALAMINO

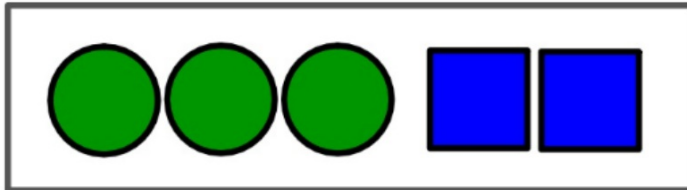
## 11/18 Distributive Property with Rational Numbers



3 greens and 2 blues  
 $3g+2b$



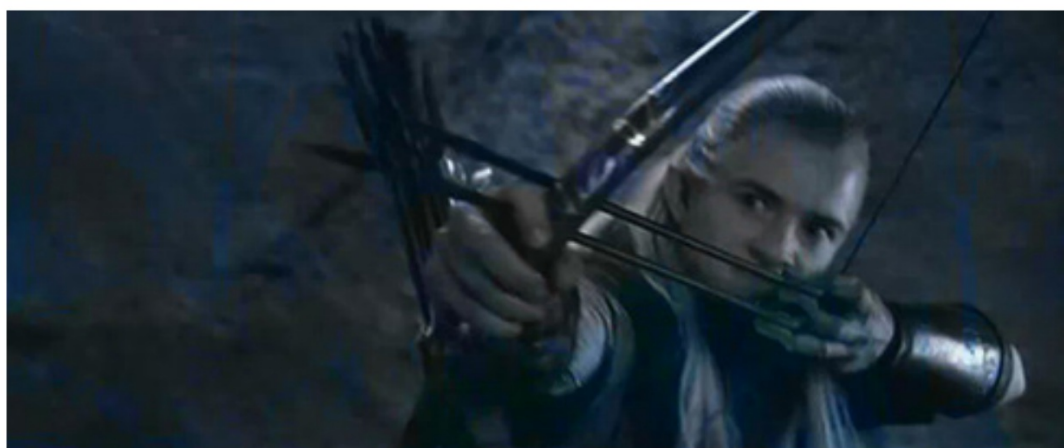
$3g+2b$



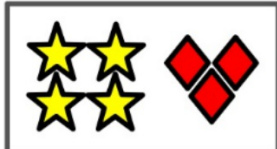
$3g+2b$

$$3g+2b + 3g+2b + 3g+2b \\ = 9g + 6b$$

IMAGINE SHOOTING 2 ARROWS AT ONCE...



NOW TRY THESE...



$$\begin{aligned} & 3(4s + 3d) \\ &= 3 \cdot 4s + 3 \cdot 3d \\ &= 12s + 9d \end{aligned}$$

$$\begin{aligned} & 2(6c + 2x) \\ &= 12c + 4x \end{aligned}$$

$$+ 3(2x - 4)$$
$$= 6x - 12$$

The negative  
becomes the  
subtract!

$$- 5(7 + 2k)$$

$$= -35 - 10k$$
$$= -10k - 35$$

Variable terms  
must be first!

$$\begin{aligned} & -3(-5 + 6k) \\ & = -18k + 15 \end{aligned}$$

$$\begin{aligned} & (10 - 4v)6 \\ & = -24v + 60 \end{aligned}$$

$$4(1.5n + 3.2)$$
$$= 6n + 12.8$$

$$\begin{array}{r} 1.5 \\ 4 \\ \hline 6.0 \end{array}$$
$$\begin{array}{r} 3.2 \\ \times 4 \\ \hline 12.8 \end{array}$$

$$-0.7(4.1 - 1.2B)$$
$$= 0.84B - 2.87$$

$$\begin{array}{r} 1.2 \\ 0.7 \\ \hline .84 \end{array}$$
$$\begin{array}{r} 4.1 \\ 0.7 \\ \hline 2.87 \end{array}$$

# HOMEWORK

Cherry WS2

**DUE** Wednesday