

1-5 Distributive Property 10/6/16

$$\begin{aligned} 1. \quad & 8(10 + 4) \\ & 8(10) + 8(4) \\ & 80 + 32 \\ & \quad \textcircled{112} \end{aligned}$$

$$\begin{aligned} 2. \quad & (12 - 3)6 \text{ or } 6(12 - 3) \\ & 6(12) - 3(6) \\ & 72 - 18 \\ & \quad \textcircled{54} \end{aligned}$$

$$\begin{aligned} 3. \quad & 5(9 - 9) \\ & 5(9) - (5)(9) \\ & \quad \textcircled{59 - 45} \end{aligned}$$

$$\begin{aligned} 4. \quad & 3(1x + 2x) \\ & 3(1x) + 3(2x) \\ & 3x + 6x \\ & \quad \textcircled{9x} \end{aligned}$$

$$\begin{aligned} 5. \quad & 3(2x^2 + 4x - 1) \\ & 3(2x^2) + 3(4x) - 3(1) \\ & \quad \textcircled{6x^2 + 12x - 3} \end{aligned}$$

Combine Like Terms

① $15x + 18x$

$33x$

② $10n + 3n^2 + 9n^2$

$12n^2 + 10n$

Vocab

• term

$2x^2 + 6x + 5$

$2x^2$
 $6x$
 5

• like terms

$3a^2 + 5a^2 + 2a$

$3a^2 + 5a^2$

• coefficient

$17xy$

$\frac{3y^2}{4} = \left(\frac{3}{4}\right)y^2$

10/6/14

p.29: #3

p.30: 15-25 odds