

Worksheet 5

$$\begin{aligned} 1. & -8b - 9 + 7 - 2b \\ & = -8b - 2b - 9 + 7 \\ & = -10b - 2 \end{aligned}$$

$$\begin{aligned} 2. & -4k - 2 - (-10k) \\ & = -4k - 2 + 10k \\ & = -4k + 10k - 2 \\ & = 6k - 2 \end{aligned}$$

$$\begin{aligned} 3. & 3 + 6v + 10 - 9v \\ & = 6v - 9v + 3 + 10 \\ & = -3v + 13 \end{aligned}$$

$$\begin{aligned} 4. & -9 + 4(9p - 4) \\ & = -9 + 36 + 36p - 16 \\ & = -9 + 36p + 36 - 16 \\ & = -9 + 36p - 16 \\ & = -9 - 16 + 36p \\ & = -25 + 36p \end{aligned}$$

$$\begin{aligned} 5. & -7y - 1 - (-9)y \\ & = -7y - 1 + 9y \\ & = -7y + 9y - 1 \\ & = 2y - 1 \end{aligned}$$

$$\begin{aligned} 6. & 10 + 8v + 7 - v \\ & = 8v - v + 10 + 7 \\ & = 7v + 17 \end{aligned}$$

$$\begin{aligned} 7. & 2 + (z + 4) \\ & = 2 + z + 4 \\ & = 2 + 4 + z \\ & = 6 + z \end{aligned}$$

$$\begin{aligned} 8. & 3(s - 6) - 5 \\ & = 3s - 18 - 5 \\ & = 3s - 23 \end{aligned}$$

$$\begin{aligned} 9. & -7(y + 1) + 2 \\ & = -7y - 7 + 2 \\ & = -7y - 5 \end{aligned}$$

$$\begin{aligned} 10. & 10 - s + 8s + 7 + 2s \\ & = -s + 8s + 2s + 10 + 7 \\ & = 9s + 17 \end{aligned}$$

Checked
12/1/19