

April.15th, 2016

Unit 1 Review

$$\begin{aligned} | -1 | & \text{ Evaluate } | 3 - 10 | \\ & = | -7 | \\ & = \textcircled{7} \end{aligned}$$

$$\begin{aligned} 2) & | 3 - 1 | - | -2 - -1 | \\ & = | 2 | - | -2 + 1 | \\ & = 2 - | -1 | \\ & = 2 - 1 \\ & = \textcircled{1} \end{aligned}$$

1-2 Evaluate

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

$$\begin{aligned} 4) & - | + - 2 | \\ & = - | - 2 | \\ & = \textcircled{-3} \end{aligned}$$

$$\begin{aligned} 5) & (6 - 8) - (3 - 12) \\ & = -2 - -9 \\ & = -2 + 9 \\ & = \textcircled{7} \end{aligned}$$

$$\begin{aligned} | -3 | & 6) 3 - 2(4) \\ & = 3 - 8 \\ & = \textcircled{-5} \end{aligned}$$

$$\begin{aligned} 7) & -5 + -3(2 - 5) \\ & = -5 - 3(-3) \\ & = -5 - -9 \\ & = \textcircled{4} \end{aligned}$$

$$\begin{aligned} 8) & \frac{-3 + -5}{4 - 3(1 - 5)} \\ & = \frac{-3 - 5}{4 - 3(-4)} \\ & = \frac{-8}{4 - -12} \\ & = \frac{-8}{16} \\ & = \textcircled{-\frac{1}{2}} \end{aligned}$$

1-5) Evaluate

$$9) \frac{\cancel{15}^5 \cdot \cancel{4}^4}{\cancel{16}^4 \cdot \cancel{3}^3} = \frac{5}{4}$$

$$10) \frac{9}{25} \div \frac{52}{55} = \frac{9}{25} \cdot \frac{27}{5} = \frac{\cancel{9}^1 \cdot \cancel{5}^1}{25 \cdot 27} = \frac{1}{15}$$

$$11) \frac{1 \cdot 2}{3 \cdot 2} - \frac{1 \cdot 3}{2 \cdot 3} = \frac{2}{6} - \frac{3}{6} = -\frac{1}{6}$$

$$12) 3\frac{2}{3} - 2\frac{3}{4} = \frac{11 \cdot 4}{3 \cdot 4} - \frac{11 \cdot 3}{4 \cdot 3} = \frac{44}{12} - \frac{33}{12} = \frac{11}{12}$$

Practice Unit 1 Practice 2