Jefferson Township Public Schools

Summer Assignment for students entering Algebra 1B CP

This assignment will count as a formative assessment and is due on the second class meeting of the school year.
Simplify.

1) \((-\frac{8}{5}) - (\frac{-5}{4})\)

2) \((-2) - \frac{7}{8}\)

3) \((-\frac{1}{4}) \times (-\frac{2}{3})\)

4) \(-\frac{6}{7} \times -\frac{1}{4}\)

Evaluate each expression.

5) \(12 ÷ (3 - 1 + 2) + (10 - 2) ÷ 2\)

6) \((7 - 1) ÷ (4 - (4 - (1 + 1))) + 2\)

Evaluate each using the values given.

7) \(x + x^2 + x - y - (z + x)\); use \(x = 3\), \(y = 1\), and \(z = 2\)

8) \(z + (z + x)(2 - (x - x) ÷ 6)\); use \(x = 4\), and \(z = 4\)

Solve each equation.

9) \(-13 + x = -27\)

10) \(v + 16 = 1\)

11) \(210 = -15v\)

12) \(-8 = \frac{x}{6}\)

13) \(-7k + 4 = -59\)

14) \(-5 = \frac{r - 2}{3}\)

15) \(\frac{k}{8} + 9 = 9\)

16) \(-16 = -10 + 2x\)