

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.**

Algebra 1B CP Summer Assignment

Simplify.

1) $\left(-\frac{8}{5}\right) - \left(-\frac{5}{4}\right)$

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

3) $\left(-\frac{1}{4}\right)\left(-\frac{2}{3}\right)$

4) $\frac{-6}{7} \div \frac{-1}{4}$

Evaluate each expression.

5) $12 \div (3 - 1 + 2) + (10 - 2) \div 2$

6) $(7 - 1) \div (4 - (4 - (1 + 1))) + 2$

Evaluate each using the values given.

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

8) $z + (z + x)(2 - (x - x) \div 6)$; 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) $-16 = -10 + 2x$