

Algebra 1 Review 1

Date _____ Period _____

Evaluate each expression. Leave answers as improper fractions.

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

2) $3\frac{5}{6} + \frac{3}{2}$

Find each product. Leave answers as improper fractions.

3) $\left(-3\frac{1}{5}\right)\left(-\frac{1}{3}\right)$

4) $\left(-\frac{5}{9}\right)\left(\frac{3}{10}\right)$

5) $\left(5\frac{7}{9}\right)\left(\frac{3}{5}\right)\left(-\frac{3}{8}\right)$

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

Find each quotient. Leave answers as improper fractions.

7) $\frac{1}{3} \div -5$

8) $3\frac{1}{8} \div 1\frac{7}{10}$

9) $\frac{4\frac{8}{9}}{-1\frac{3}{10}}$

10) $\frac{\frac{8}{5}}{\frac{4}{3}}$

Evaluate each expression.

11) $(3)\left(\frac{10}{5}\right) + 3$

12) $\left(1\frac{1}{3} - \left(\frac{-6}{5} - 2\frac{1}{3}\right)\right) \div \frac{-4}{5}$

13) $-3.3 - (0.9)(2 + -2.27 \div -0.3 - 5.7)$

14) $((6 - (2 - 6))(2)) \div (-5 - -1)$

15) $\frac{1}{2} + \left(\frac{-5}{3}\right)^2 - -2\frac{1}{3}$