

## Fractions Practice

Date \_\_\_\_\_

Evaluate each expression.

1)  $1\frac{5}{6} + \left(-\frac{4}{3}\right) = \frac{11}{6} - \frac{4}{3} =$

$$\frac{11}{6} - \frac{8}{6} = \frac{3}{6} = \frac{1}{2}$$

2)  $3\frac{1}{6} + 2\frac{1}{4} = \frac{19}{6} + \frac{9}{4} = \frac{38}{12} + \frac{27}{12} =$

$$\frac{65}{12}$$

3)  $\left(-\frac{5}{6}\right) - \left(-2\frac{1}{2}\right) = \frac{-5}{6} + \frac{5}{2} =$

$$\frac{-5}{6} + \frac{15}{6} = \frac{10}{6} = \frac{5}{3}$$

4)  $(-7) - \frac{5}{3} = \frac{-7}{1} - \frac{5}{3} = \frac{-21}{3} - \frac{5}{3} = \frac{-26}{3}$

5)  $\left(-\frac{5}{7}\right) + \frac{3}{2} = \frac{-10}{14} + \frac{21}{14} = \frac{11}{14}$

6)  $\left(-\frac{5}{3}\right) + 2\frac{3}{8} = \frac{-5}{3} + \frac{19}{8} = \frac{-40}{24} + \frac{57}{24} = \frac{17}{24}$

Find each product.

7)  $-2 \cdot \frac{12}{7} = \frac{-2}{1} \cdot \frac{12}{7} = \frac{-24}{7}$

8)  $2\frac{2}{3} \cdot 4\frac{5}{8} = \frac{8}{3} \cdot \frac{37}{8} = \frac{37}{3}$

9)  $4\frac{1}{8} \cdot \frac{12}{7} = \frac{33}{8} \cdot \frac{12}{7} = \frac{99}{14}$

10)  $\frac{-3}{8} \cdot \frac{-1}{3} = \frac{1}{8}$

Find each quotient.

11)  $2\frac{1}{2} \div \frac{1}{3} = \frac{5}{2} \div \frac{1}{3} = \frac{5}{2} \cdot \frac{3}{1} = \frac{15}{2}$

12)  $-2\frac{3}{5} \div -4 = \frac{-13}{5} \div \frac{-4}{1} = \frac{-13}{5} \cdot \frac{1}{-4} = \frac{13}{20}$

13)  $\frac{-3}{4} \div -2\frac{5}{8} = \frac{-3}{4} \div \frac{-21}{8} =$

$$\frac{-3}{4} \cdot \frac{8}{21} = \frac{2}{7}$$

14)  $-8\frac{2}{5} \div 10 = \frac{-42}{5} \div \frac{10}{1} =$

$$\frac{-42}{5} \cdot \frac{1}{10} = \frac{-21}{25}$$