

Warm up

$$1\frac{1}{2} \cdot 2\frac{3}{5}$$

$$\frac{3}{2} \times \frac{13}{5} = \frac{39}{10}$$

$$\begin{array}{r} 3 \\ 10 \overline{)39} \\ \underline{-30} \\ 9 \end{array}$$

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

$$4\frac{5}{9} \div \frac{2}{3}$$

$$\begin{array}{l} \text{KISS} \\ \frac{41}{9} \div \frac{2}{3} \end{array}$$

$$\frac{41}{9} \times \frac{3}{2} = \frac{123}{18}$$

$$6\frac{15}{18} = \left(6\frac{5}{6}\right)$$

- homework

Divide.

1. $\frac{3}{10} + \frac{4}{5} = \frac{3}{8}$

2. $\frac{5}{6} + \frac{3}{8} = 2\frac{2}{9}$

3. $\frac{2}{9} + \frac{1}{3} = \frac{2}{3}$

4. $\frac{5}{12} + \frac{3}{4} = \frac{5}{9}$

5. $\frac{7}{9} + \frac{7}{18} = 2$

6. $\frac{2}{7} + \frac{1}{2} = \frac{4}{7}$

7. $\frac{2}{5} + \frac{4}{5} = \frac{1}{2}$

8. $\frac{3}{4} + \frac{9}{14} = 1\frac{1}{6}$

9. $\frac{8}{9} + \frac{4}{3} = 1\frac{1}{3}$
 KISS
 $\frac{8}{9} \times \frac{3}{2} = \frac{24}{18}$
 $1\frac{6}{18}$

Divide.

1. $6\frac{1}{2} + 3\frac{9}{10} = 1\frac{2}{3}$

2. $5\frac{5}{6} + 5\frac{1}{4} = 1\frac{1}{9}$
 $\frac{35}{6} \div \frac{21}{4} = \frac{538}{36} \times \frac{4^2}{21^3} = \frac{10}{9}$

3. $3\frac{1}{3} + 2\frac{4}{9} = 1\frac{4}{11}$

4. $5\frac{5}{8} + 3\frac{3}{5} = 1\frac{9}{16}$

5. $4\frac{1}{8} + 4\frac{7}{12} = \frac{9}{10}$

6. $4\frac{7}{12} + 4\frac{1}{8} = 1\frac{1}{9}$
 $\frac{5}{3} \times \frac{35}{12} = \frac{175}{36}$
 $\frac{10}{9}$

7. $3\frac{3}{4} + 2\frac{11}{12} = 1\frac{2}{7}$

8. $4\frac{6}{7} + 5\frac{8}{14} = \frac{34}{39}$

$\frac{15}{4} \div \frac{35}{12}$
 $\frac{3}{1} \times \frac{12}{35} = \frac{36}{35}$
 $1\frac{1}{35}$

Quiz

Google Classroom Activity Add Subtract Fractions

Follow all directions in the classroom assignment. IXL practice for homework.

Ex: $1\frac{4}{5} + 2\frac{3}{10}$ mixed to improper write on p 50

$\frac{18}{10} + \frac{23}{10}$ common denominator and rewrite
(LCD is 10)

$\frac{18}{10} + \frac{23}{10}$ add numerators, keep denominator

$\frac{41}{10}$ change to mixed and simplify

$4\frac{1}{10}$

Pre-Algebra

Name _____ ID: 1

Assignment

Date _____ Period _____

Evaluate each expression.

1) $1\frac{1}{2} + 1\frac{2}{7}$

2) $4\frac{3}{5} + 2\frac{3}{4}$

3) $4\frac{5}{8} - \frac{5}{6}$

4) $3\frac{3}{5} - \frac{4}{7}$

5) $2\frac{3}{5} - 2\frac{1}{2}$

6) $3\frac{1}{4} + 1\frac{1}{4}$

7) $3\frac{1}{2} + 2\frac{2}{3}$

8) $4\frac{3}{7} - 3\frac{1}{6}$

9) $3\frac{1}{2} - 2\frac{5}{7}$

10) $4\frac{1}{2} - \frac{3}{7}$

