

Center #1 – Multiply. Write the answer in simplest form.

1. $\frac{2}{9} \times \frac{3}{4}$

2. $\frac{3}{10} \times \frac{4}{5}$

3. $\frac{3}{5} \times \frac{1}{2}$

4. $2\frac{2}{3} \times \frac{4}{5}$

5. $2\frac{3}{10} \times 5\frac{1}{3}$

Center #2 – Divide. Write the answer in simplest form.

1. $\frac{3}{4} \div \frac{5}{6}$

2. $\frac{8}{9} \div \frac{3}{10}$

3. $1\frac{2}{5} \div \frac{4}{7}$

4. $5\frac{5}{8} \div 1\frac{2}{9}$

5. $3\frac{3}{5} \div 12$

Center #3 – Add or subtract.

1. $3.78 + 8.94$

2. $19.89 + 4.372$

3. $7.638 - 2.365$

4. $14.21 - 4.103$

Center #4

Johnny gets $1\frac{3}{4}$ of a candy bar. He gives you $\frac{3}{4}$ of that. How much of a candy bar do you get? Draw a representation and then solve.

Center #5

You want to get some bags of chips from a store that sells 3 for \$4.35. Peter wants to get bags of chips from another store that sells 5 for \$7.41. Which one is the better deal?

Center #6

A store sells rice for \$1.08 per pound. You buy 4.3 pounds of rice. If you give the cashier \$10.00, how much change will you get back?

Center #1 – Multiply. Write the answer in simplest form.

1. $\frac{2}{3} \times \frac{3}{4} = \frac{1}{2}$

2. $\frac{3}{10} \times \frac{4}{5} = \frac{12}{50} = \frac{6}{25}$

3. $\frac{3}{5} \times \frac{1}{2} = \frac{3}{10}$

4. $2\frac{2}{3} \times \frac{4}{5}$

$\frac{8}{3} \times \frac{4}{5} = \frac{32}{15} = 2\frac{2}{15}$

5. $2\frac{3}{10} \times 5\frac{1}{3}$

$\Rightarrow \frac{23}{10} \times \frac{16}{3} = \frac{368}{30} = 12\frac{4}{15}$

Center #2 – Divide. Write the answer in simplest form.

1. $\frac{3}{4} \div \frac{5}{6}$

$\frac{3}{4} \cdot \frac{6}{5} = \frac{9}{10}$

2. $\frac{8}{9} \div \frac{3}{10}$

$\frac{8}{9} \cdot \frac{10}{3} = \frac{80}{27} = 2\frac{26}{27}$

3. $1\frac{2}{5} \div \frac{4}{7}$

$\frac{7}{5} \cdot \frac{7}{4} = \frac{49}{20} = 2\frac{9}{20}$

4. $5\frac{5}{8} \div 1\frac{2}{9}$

$\frac{45}{8} \div \frac{11}{9}$

$\frac{45}{8} \cdot \frac{9}{11} = \frac{405}{88} = 4\frac{53}{88}$

5. $3\frac{3}{5} \div 12$

$\Rightarrow \frac{18}{5} \cdot \frac{1}{12} = \frac{3}{10}$

Center #3 – Add or subtract.

1. $3.78 + 8.94$

12.72

2. $19.89 + 4.372$

$$\begin{array}{r} 19.89 \\ + 4.372 \\ \hline 24.262 \end{array}$$

3. $7.638 - 2.365$

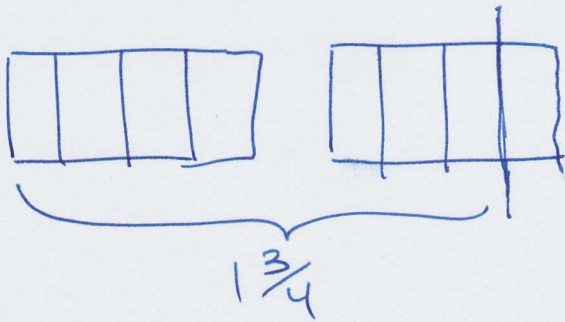
5.273

4. $14.21 - 4.103$

$$\begin{array}{r} 14.210 \\ - 4.103 \\ \hline 10.107 \end{array}$$

Center #4

Johnny gets $1\frac{3}{4}$ of a candy bar. He gives you $\frac{3}{4}$ of that. How much of a candy bar do you get? Draw a representation and then solve.



$$\frac{3}{4} \cdot 1\frac{3}{4}$$

$$\frac{3}{4} \cdot \frac{7}{4} = \frac{21}{16} = 1\frac{5}{16} \text{ of a candy bar.}$$

Center #5

You want to get some bags of chips from a store that sells 3 for \$4.35. Peter wants to get bags of chips from another store that sells 5 for \$7.41. Which one is the better deal?

$$\begin{array}{r} 3 \text{ for } \$4.35 \\ \hline \$1.45 \text{ each} \\ 3 \overline{)4.35} \\ \underline{-3} \\ 13 \\ \underline{-12} \\ 15 \end{array}$$

$$\begin{array}{r} 5 \text{ for } \$7.41 \\ \hline \$1.482 \text{ each} \\ 5 \overline{)7.41} \\ \underline{-5} \\ 24 \\ \underline{-20} \\ 41 \\ \underline{-40} \\ 10 \end{array}$$

3 for \$4.35 is the better deal.

Center #6

A store sells rice for \$1.08 per pound. You buy 4.3 pounds of rice. If you give the cashier \$10.00, how much change will you get back?

$$\begin{array}{r} 1.08 \\ \times 4.3 \\ \hline 324 \\ 4320 \\ \hline 4.644 \leftarrow \text{total cost} \end{array}$$

$$\begin{array}{r} 99 \\ 10.00 \\ - 4.64 \\ \hline \$5.36 \end{array}$$