

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

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

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

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

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?

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

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

2. $2\frac{3}{4} \div 1\frac{5}{6}$

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

4. You have a total of $8\frac{2}{3}$ pounds of ground beef to make tacos for a party. Each taco needs $\frac{1}{6}$ pounds of beef. How many tacos can you make?

Center #3

1. 3×5.4

2. 42.6×5.3

3. $0.225 \div 0.03$

Center #4 – Add or subtract.

1. $3.78 + 8.94$

2. $19.89 + 4.372$

3. $7.638 - 2.365$

4. $14.21 - 4.103$

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. $\frac{2}{9} \times \frac{3}{4} = \frac{1}{6}$

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

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

$\frac{8}{3} \times \frac{9}{1} = 24$

$\frac{23}{10} \times \frac{16}{3} = \frac{184}{15} = 12\frac{4}{15}$

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?

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

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

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

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

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

2. $2\frac{3}{4} \div 1\frac{5}{6}$

3. $3\frac{3}{5} \div \frac{12}{1}$

$\frac{2}{5} \cdot \frac{7}{4} = \frac{7}{10}$

$\frac{11}{4} \div \frac{11}{6}$

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

$\frac{11}{4} \cdot \frac{6}{11} = \frac{3}{2} = 1\frac{1}{2}$

4. You have a total of $8\frac{2}{3}$ pounds of ground beef to make tacos for a party. Each taco needs $\frac{1}{6}$ pounds of beef. How many tacos can you make?

$8\frac{2}{3} \div \frac{1}{6}$

$\frac{26}{3} \cdot \frac{6}{1} = 52$ tacos

Center #3

1. 3×5.4

$$\begin{array}{r} 5.4 \\ \times 3 \\ \hline 16.2 \end{array}$$

2. 342.6×5.3

$$\begin{array}{r} 342.6 \\ \times 5.3 \\ \hline 1278 \\ 21300 \\ \hline 2257.8 \end{array}$$

3. $0.225 \div 0.03$

$$\begin{array}{r} 0.03 \overline{) 0.225} \\ \underline{0.06} \\ 0.165 \\ \underline{0.15} \\ 0.015 \\ \underline{0.015} \\ 0 \end{array}$$

note on 2 p104 #2-6 all, 8-10 all, 12,14,15,17-19 all

Center #4 – Add or subtract.

1. $3.78 + 8.94$

$$\begin{array}{r} 3.78 \\ + 8.94 \\ \hline 12.72 \end{array}$$

2. $19.89 + 4.372$

$$\begin{array}{r} 19.890 \\ + 4.372 \\ \hline 24.262 \end{array}$$

3. $7.638 - 2.365$

$$\begin{array}{r} 7.638 \\ - 2.365 \\ \hline 5.273 \end{array}$$

4. $14.21 - 4.103$

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

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?

3 bags

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

5 bags

$$\begin{array}{r} 1.482 \rightarrow \$1.48 \text{ each} \\ 5 \overline{) 7.41} \\ \underline{- 5} \\ 24 \\ \underline{- 20} \\ 41 \\ \underline{- 40} \\ 10 \end{array}$$

3 bags 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?

$$\begin{array}{r} 1.08 \\ \times 4.3 \\ \hline 324 \\ 4320 \\ \hline \$4.644 \end{array}$$

↑ total cost

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

↑ change you get back