

**Warm up:**

1)  $-9(-4)$      36

2)  $\frac{15}{-3}$      -5

3) Convert the following fraction into a decimal.

$$\begin{array}{r}
 0.9166 \quad 11 \\
 12 \overline{) 11.0000} \\
 \underline{-108} \phantom{000} \\
 20 \phantom{00} \\
 \underline{-24} \phantom{0} \\
 20 \\
 \underline{-24} \\
 20 \\
 \underline{-24} \\
 0
 \end{array}$$

$$0.91\overline{66}$$

$$0.91\overline{6}$$



$$\begin{aligned}
 & -2\frac{2}{7} \left( -3\frac{3}{4} \right) \\
 & -\frac{16}{7} \left( -\frac{15}{4} \right) = \frac{240}{28} \\
 & \frac{60}{7} = \left( 8\frac{4}{7} \right) \qquad 8\frac{16}{28} = \left( 8\frac{4}{7} \right)
 \end{aligned}$$

A company uses 14.3 lb of steel to make one of their tools. How much steel would they need in order to make 22 of those tools?

$$\begin{array}{r} \phantom{0} \times 14.3 \\ \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\ \hline 286 \\ 2860 \\ \hline 314.6 \end{array}$$

$$314.6 \text{ lb}$$

$$-22.01 \div 6.2$$

$$\begin{array}{r} 3.55 \\ 62 \overline{) 220.10} \\ \underline{-186} \phantom{0} \\ 341 \phantom{0} \\ \underline{-310} \phantom{0} \\ 310 \\ \underline{-310} \\ 0 \end{array}$$

$$\begin{array}{r} 62 \\ \times 5 \\ \hline 310 \end{array}$$

$-3.55$

$$-\frac{3}{8} \div 4\frac{7}{9}$$

$$-\frac{3}{8} \div \frac{43}{9}$$

$$-\frac{3}{8} \cdot \frac{9}{43} = -\frac{27}{344}$$

$$-3.65(-2.4)$$

$$1\frac{3}{5} \div 8$$



John wants to run  $11\frac{2}{3}$  mi over the next 3 days. If he wants to run the same distance each day, how far should he run each day?

Convert the following fraction into a decimal.

$$3\frac{7}{8}$$

A gold mine produced  $5\frac{1}{4}$  oz of gold yesterday. Today, it produced  $2\frac{3}{5}$  oz of gold. How much less gold was produced today?

$$\begin{array}{r} 2\frac{1}{3} \\ \hline -1\frac{4}{5} \end{array}$$

