

Warm up:

1) $-9(-4) = 36$

2) $\frac{15}{-3} = -5$

3) Convert the following fraction into a decimal.

$$\begin{array}{r}
 0.9166\overline{6} \\
 12 \overline{) 11.00000} \\
 \underline{-108} \\
 20 \\
 \underline{-12} \\
 80 \\
 \underline{-72} \\
 80 \\
 \underline{-72} \\
 80
 \end{array}$$

$$0.916\overline{6}$$



$$\begin{aligned} & -2\frac{2}{7} \left(-3\frac{3}{4} \right) \\ & -1\frac{4}{7} \left(-\frac{15}{4} \right) \\ & \frac{60}{7} = 8\frac{4}{7} \end{aligned}$$

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?

$$\begin{array}{r} 14.3 \\ \times 22 \\ \hline 286 \\ 2860 \\ \hline 314.6 \end{array}$$

$$314.6 \text{ lb}$$

$$-22.01 \div 6.2$$

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

$$\textcircled{-3.55}$$

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

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

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

$$\begin{array}{r} \overset{1}{2} \quad \overset{1}{3} \quad -3.65(-2.4) \\ \times \quad 2.4 \\ \hline 1460 \\ 7300 \\ \hline 8.760 \end{array}$$

8.76

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

$\frac{3}{5} \cdot \frac{1}{8} = \frac{3}{40}$

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?

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

