

$$5^2 + 3^3 + \sqrt{64}$$

$$25 + 27 + 8$$

$$\boxed{60}$$

$$3\frac{1}{3} \cdot (2\frac{2}{3} \div \frac{1}{2})$$

$$3\frac{1}{3} \cdot \frac{16}{9}$$
$$\frac{10}{3} \cdot \frac{16}{9} = \frac{160}{27}$$

$$\frac{160}{27} \cdot \frac{25}{27}$$

$$\frac{100}{3} \div \frac{3}{2}$$

$$\frac{100}{3} \cdot \frac{2}{3} = \frac{16}{9}$$

1 day \rightarrow 24 hr 1 hr \rightarrow 60 min

7	26	75
8 days	3 hr	15 min
5 days	18 hr	50 min

2 days 8 hr 25 min

$$\begin{array}{r}
 \\
 5\text{hr } 42\text{min } 53\text{s} \\
 + 6\text{hr } 17\text{min } 27\text{s} \\
 \hline
 12\text{hr } \cancel{0\text{min}} \ 20\text{s}
 \end{array}$$

$$\begin{array}{r}
 \\
 2\text{ft } 10\text{in} \\
 + \phantom{2\text{ft}} 11\text{in} \\
 \hline
 1\text{yd} \phantom{2\text{ft}} 9\text{in}
 \end{array}$$

$$36 \text{ in} = 1 \text{ yd}$$

$$\frac{36 \text{ in}}{1 \text{ yd}} \quad \frac{1 \text{ yd}}{36 \text{ in}}$$

$$24 \text{ blobs} = 1 \text{ blah}$$

$$\frac{24 \text{ blobs}}{1 \text{ blah}} \quad \frac{1 \text{ blah}}{24 \text{ blobs}}$$

$$49 \text{ hours} \rightarrow ? \text{ days} \quad \frac{24 \text{ hr}}{1 \text{ day}} \quad \frac{1 \text{ day}}{24 \text{ hr}}$$

$$\frac{49 \text{ hours}}{1} \times \frac{1 \text{ day}}{24 \text{ hours}} = \frac{49 \text{ days}}{24}$$

$$24 \overline{) 49} \quad \frac{49}{49} \quad \frac{1}{-}$$

$2\frac{1}{24} \text{ days}$

Laws of Exponents

$$a^x \cdot a^y = a^{x+y}$$

$$2^5 \cdot 2^{12} = 2^{17}$$

or 2^{17}

$$\frac{a^x}{a^y} = a^{x-y} \quad (a^x)^y = a^{x \cdot y}$$

$$\frac{3^3}{3^2} = 3$$