

$$1) \begin{array}{l} 24 \div 6 = 4 \\ 30 \div 6 = 5 \end{array}$$

$$2) \begin{array}{l} 7 \div 7 = 1 \\ 21 \div 7 = 3 \end{array}$$

$$3) \begin{array}{l} 5 \times 3, 3 \times 6, 7 \times 2 \\ 8 \times 3, 4 \times 6, 12 \times 2 \\ \downarrow \quad \downarrow \quad \downarrow \end{array}$$

$$4) \begin{array}{l} 7 \times 1, 2 \times 5, 3 \times 3 \\ 15 \times 1, 3 \times 5, 5 \times 3 \end{array}$$

$$\begin{array}{l} 15, 18, 14 \\ 24, 24, 24 \end{array} \rightarrow \boxed{\frac{3}{4}, \frac{5}{8}, \frac{7}{12}}$$

$$\begin{array}{l} 7, 10, 9 \\ 15, 15, 15 \end{array} \rightarrow \boxed{\frac{2}{3}, \frac{3}{5}, \frac{7}{15}}$$

$$5) \begin{array}{l} 7+2 \\ 7 \times 5 = \boxed{\frac{37}{5}} \\ \downarrow \\ 35+2 \\ 5 \end{array}$$

$$6) \begin{array}{l} 46 \\ 6 \end{array} \rightarrow \begin{array}{l} 6 \overline{) 46} \\ \underline{-42} \\ 4 \end{array} \rightarrow \begin{array}{l} 7 \frac{4}{6} \\ \downarrow \\ 7 \frac{2}{3} \end{array}$$

$$7) \begin{array}{l} 4+1 \\ 4 \times 3 = \boxed{\frac{13}{3}} \\ \downarrow \\ 12+1 \\ 3 \end{array}$$

$$8) \frac{18}{3}$$

$$3 \overline{) 18} \\ \underline{-18} \\ 0$$

$$6 \frac{0}{3} = \boxed{6}$$

$$9) \begin{array}{l} 5 \frac{5 \times 3}{6 \times 3} + 4 \frac{4 \times 2}{9 \times 2} \\ \text{Common Denominator} \end{array}$$

$$5 \frac{15}{18} + 4 \frac{8}{18} \rightarrow 9 \frac{23}{18} \rightarrow 10 \frac{5}{18}$$

$$10) \begin{array}{l} 7 \frac{1 \times 2}{4 \times 2} - 3 \frac{6}{8} \end{array}$$

$$7 \frac{2}{8} - 3 \frac{6}{8} =$$

$$\downarrow \\ 6 \frac{10}{8} - 3 \frac{6}{8} = 3 \frac{4}{8} \Rightarrow 3 \frac{1}{2}$$

$$13) \frac{8}{9} \times \frac{3}{4} = \frac{24}{36} \div 12 = \boxed{\frac{2}{3}} \quad 14) \frac{7}{8} \div \frac{2}{1} \xrightarrow{\text{FLIP}} \frac{7}{8} \times \frac{1}{2} = \boxed{\frac{7}{16}}$$

$$15) 5\frac{1}{3} \div 1\frac{5}{2} \quad \begin{array}{r} 16 \\ \times 12 \\ \hline \end{array}$$

$$\downarrow \quad \text{FLIP}$$

$$\frac{16}{3} \div \frac{17}{12} \rightarrow \frac{16}{3} \times \frac{12}{17} = \frac{192}{51} \div 3 = \frac{64}{17} = 3\frac{13}{17}$$

$$16) 3\frac{3}{5} \times 4\frac{1}{6}$$

$$\downarrow$$

$$\frac{18}{5} \times \frac{25}{6} = \frac{450}{30} \div 30 = \frac{15}{1} = \boxed{15}$$

$$17) \frac{6 \div 3}{15 \div 3} = \boxed{\frac{2}{5}}$$

$$18) D: \frac{1 \times 6}{4 \times 6} \quad T: \frac{1 \times 12}{2 \times 12} \quad R: \frac{2 \times 8}{3 \times 8}$$

$$\downarrow \quad \downarrow \quad \downarrow$$

$$\frac{6}{24} \quad \frac{12}{24} \quad \frac{16}{24}$$

$$\textcircled{4} \quad \textcircled{3} \quad \textcircled{1}$$

Holly

$$19) 2\frac{5}{8} \approx 3 \text{ mi} \quad 3+2+8+11 = \boxed{21 \text{ mi}}$$

$$1\frac{2}{3} \approx 2 \text{ mi}$$

$$8\frac{1}{4} \approx 8 \text{ mi}$$

$$7\frac{1}{2} \approx 7 \text{ mi}$$

$$\frac{1}{4} \approx 1 \text{ mi}$$

$$20) 75\frac{1}{4} - \frac{4}{7}$$

$$75\frac{7}{28} - \frac{16}{28}$$

$$74\frac{35}{28} - \frac{16}{28}$$

$$\boxed{74\frac{19}{28}}$$

$$2) 12 \times \frac{3}{4} \rightarrow \frac{12}{1} \times \frac{3}{4} = \frac{36}{4} = \frac{36 \div 4}{4 \div 4} = \boxed{9 \text{ FEET}}$$

Bonus: $\frac{7}{8} (7\frac{3}{5} \div 3\frac{1}{3}) \rightarrow \frac{7}{8} (\frac{38}{5} \div \frac{10}{3})$

$$\frac{7}{8} (\frac{38}{5} \times \frac{3}{10}) \rightarrow \frac{7}{8} (\frac{114}{50}) \rightarrow \frac{7}{8} (\frac{57}{25})$$

$$\frac{399}{200} \rightarrow \boxed{\frac{1199}{200}}$$