

Warm up

1. $1\frac{2}{3} + 3\frac{4}{6}$

2. $2\frac{3}{8} - 1\frac{1}{2}$

Solutions

$$\begin{aligned} 1. \quad 1\frac{2}{3} + 3\frac{4}{6} &= \frac{5}{3} + \frac{22}{6} \\ &= \frac{10}{6} + \frac{22}{6} \\ &= \frac{32}{6} \\ &= \frac{16}{3} \text{ or } 5\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 2. \quad 2\frac{3}{8} - 1\frac{1}{2} &= 2\frac{3}{8} - 1\frac{4}{8} \\ &= 1\frac{11}{8} - 1\frac{4}{8} \\ &= \frac{7}{8} \end{aligned}$$

$$\begin{aligned} &\frac{19}{8} - \frac{3}{2} \\ &\frac{19}{8} - \frac{12}{8} \\ &= \frac{7}{8} \end{aligned}$$

Problems with the homework?

NIL

Multiply

$$\begin{aligned} 1\frac{4}{5} \times \frac{2}{3} &= \frac{9}{5} \times \frac{2}{3} \\ &= \frac{18}{15} \\ &= \frac{6}{5} \end{aligned}$$

Divide

$$\begin{aligned} \frac{6}{7} \div 1\frac{1}{2} &= \frac{6}{7} \div \frac{3}{2} \\ &= \frac{6}{7} \times \frac{2}{3} \\ &= \frac{12}{21} \\ &= \frac{4}{7} \end{aligned}$$

$$\begin{array}{r} 1 \\ \underline{2} \\ 3 \\ 1 \end{array} \times \begin{array}{r} 1 \\ \underline{4} \\ 6 \\ 3 \\ 1 \end{array} \times \begin{array}{r} 1 \\ \underline{9} \\ 12 \\ 3 \\ 1 \end{array} \times 3 = \begin{array}{r} 216 \\ \underline{216} \\ 0 \end{array}$$

Reading a tape measure

12 inches = 1 foot
(") (')

Untitled * - SMART Notebook

measurement_tape_measure.pdf - Adobe Reader

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How many Feet and Inches ?

82 $\frac{3}{4}$ = 6' 10 $\frac{3}{4}$ "

19 $\frac{2}{4}$ = 1' 7 $\frac{2}{4}$ "

53 $\frac{1}{4}$ = 4' 5 $\frac{1}{4}$ "

15 $\frac{3}{4}$ = 1' 3 $\frac{3}{4}$ "

39 $\frac{1}{4}$ = 3' 3 $\frac{1}{4}$ "

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Convert inches to feet and inches.

1. $34 \frac{1}{2}$ inches.... $2' 10 \frac{1}{2}"$

2. $66 \frac{3}{4}$ inches... $5' 6 \frac{3}{4}"$

3. $6 \frac{23}{32}$ inches... $0' 6 \frac{23}{32}"$

Convert feet to inches.

$\times 12$

1. $6' \frac{2}{3}"$ (6 feet $\frac{2}{3}$ inches) = $72 \frac{2}{3}"$

2. $1' 8 \frac{4}{5}"$... $20 \frac{4}{5}"$

3. $3' 5 \frac{31}{32}"$ = $41 \frac{31}{32}"$

Homework...

Complete worksheets

1. Fraction Review
2. Reading a Standard Ruler
3. Reading a Tape Measure