

Warm up

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

3. $1\frac{1}{4} \times \frac{4}{5}$

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

4. $2 \div \frac{3}{4}$

Solutions

$$\begin{array}{l}
 1. \quad 1\frac{2}{3} + 3\frac{4}{6} = \frac{5}{3} + \frac{22}{6} \\
 \qquad \qquad \qquad = \frac{10}{6} + \frac{22}{6} \\
 \qquad \qquad \qquad = \frac{32}{6} \\
 \qquad \qquad \qquad = \frac{16}{3} \text{ or } 5\frac{1}{3}
 \end{array}
 \left.
 \begin{array}{l}
 \\
 \\
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 \\
 \\
 \\
 \end{array}
 \right\}
 \begin{array}{l}
 1\frac{4}{6} + 3\frac{4}{6} \\
 \\
 = 4\frac{8}{6} \\
 \\
 = 5\frac{2}{3} \\
 \\
 = 5\frac{1}{3}
 \end{array}$$

$$\begin{array}{l}
 2. \quad 2\frac{3}{8} - 1\frac{1}{2} = \frac{19}{8} - \frac{3}{2} \\
 \qquad \qquad \qquad = \frac{19}{8} - \frac{12}{8} \\
 \qquad \qquad \qquad = \frac{7}{8}
 \end{array}$$

Solutions

$$3. \frac{1}{4} \times \frac{4}{5} = \frac{5}{4} \times \frac{4}{5}$$

$$= \frac{20}{20}$$

$$= 1$$

$$4. 2 \div \frac{3}{4} = 2 \times \frac{4}{3}$$

$$= \frac{8}{3} \text{ or } 2\frac{2}{3}$$

Problems with the homework?

Reading a tape measure

12 inches = 1 foot

The screenshot shows a SMART Notebook window titled "Untitled * - SMART Notebook" containing a PDF document titled "measurement_tape_measure.pdf - Adobe Reader". The PDF content includes five rulers with green bars and handwritten conversion problems. The conversion problems are as follows:

- 82 $\frac{31}{32}$ " = 6' 10 $\frac{31}{32}$ "
- 19 $\frac{23}{32}$ " = 1' 7 $\frac{23}{32}$ "
- 53 $\frac{11}{32}$ " = 4' 5 $\frac{11}{32}$ "
- 15 $\frac{31}{32}$ " = 1' 3 $\frac{31}{32}$ "

The SMART Notebook interface includes a menu bar (File, Edit, View, Window, Help), a toolbar with icons for Open, Save, Print, etc., and a status bar at the bottom showing the time as 10:25 AM on 03/02/2017.

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... $= 6 \frac{23}{32}"$

Convert feet to inches.

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. $3' 5 \frac{31}{32}"$ $36"$ $41 \frac{31}{32}"$

Homework...

Complete worksheets

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