

Submit fractions worksheet.

Warm Up

1. $\frac{2}{3} - \frac{4}{5}$

2. $2\frac{1}{2} \div \frac{5}{6}$

3. Convert to inches

$5' 3\frac{1}{2}''$

4. Convert to feet + inches

$38\frac{11}{32}''$

Solutions

$$1. \frac{2}{3} - \frac{4}{5}$$

$$\frac{2}{3} - \frac{4}{5}$$

$$\times 5 \left(\frac{10}{15} - \frac{12}{15} \right) \times 3$$

$$-\frac{17}{15} \text{ or } -1\frac{2}{15}$$

2. $2\frac{1}{2} \div \frac{5}{6}$

$= \frac{5}{2} \times \frac{6}{5}$

$= \frac{30}{10}$

$= 3$

$1 \text{ ft} = 12 \text{ inches}$

3. Convert to inches

$$5' 3\frac{1}{2}''$$

$$\begin{array}{l} \swarrow \text{ft} \quad \swarrow \text{inches} \\ 5 \times 12 = 60 \\ = 63\frac{1}{2}'' \end{array}$$

4. Convert to feet + inches

$38\frac{11}{32}''$

$\frac{38}{12} = 3R2$

$3' 2\frac{11}{32}''$

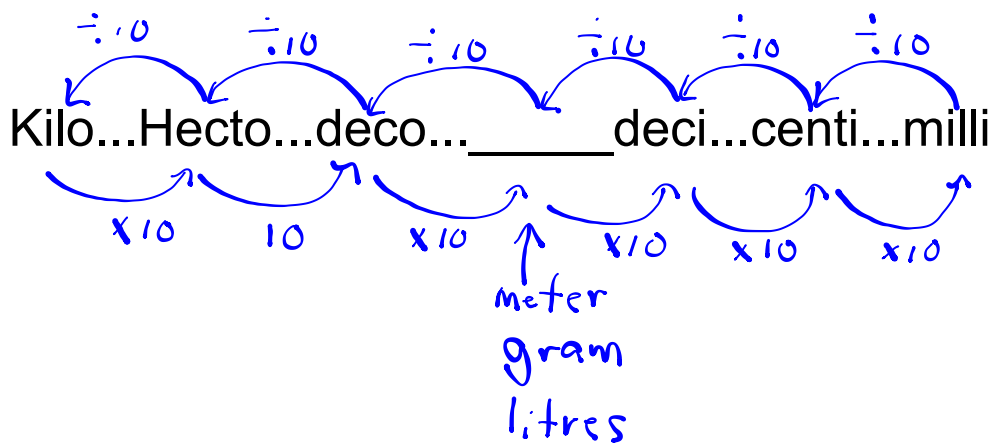
Reading a tape measure

The screenshot shows a SMART Notebook window with five rulers. Each ruler has a green bar representing a measurement. To the right of each ruler is a handwritten conversion equation. The equations are:

- $82 \frac{31}{32} = 6' 10 \frac{31}{32}$ (with $6 \times 12 = 72$ written below)
- $19 \frac{23}{32} = 1' 7 \frac{23}{32}$
- $53 \frac{11}{32} = 4' 5 \frac{11}{32}$
- $15 \frac{31}{32} = 1' 3 \frac{31}{32}$
- $39 \frac{19}{32} = 3' 3 \frac{19}{32}$

The text "How many Feet and Inches?" is written above the first equation. The window title is "Untitled * - SMART Notebook" and the file name is "measurement_tape_measure.pdf - Adobe Reader". The system tray shows the time as 10:25 AM on 03/02/2017.

Metric Prefixes



$789.827 \text{ m} = 789827 \text{ mm}$

$123.467 \text{ cm} = 0.123467 \text{ Dm}$

$920.707 \text{ cm} = \text{_____ m}$

Homework...

1. Reading a Standard Ruler
2. Reading a Tape Measure
3. Converting feet <----> inches
4. Metric Conversion