

1. 8.94 Kl = 8940000 ml
2. 1722 ml = 1.722 l
3. 2.6 km = 260 dam
4. 954 cm = 9.54 m
5. 3462 g = 3.462 kg
6. 60 g = 60000 mg

8.94      2.6 X 10 X 10

1722

60

What measurement is the arrow showing on the ruler?



$$8 \frac{15}{16}''$$



$$5 \frac{6}{16}'' \approx 5 \frac{3}{8}''$$



$$11 \frac{11}{16}''$$

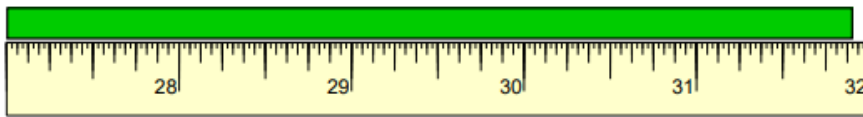


$$11 \frac{2}{16}'' = 11 \frac{1}{8}''$$



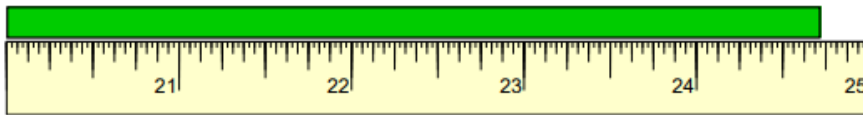
$$9 \frac{15}{16}''$$

### Reading a Tape Measure

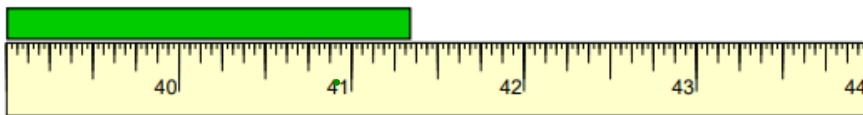


How many Feet and Inches?

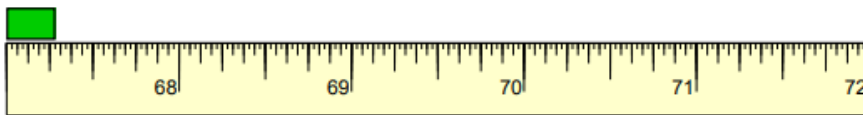
$$\begin{array}{r} 21 \\ 31 \overline{) 32} \\ \underline{21} \\ 11 \end{array}$$



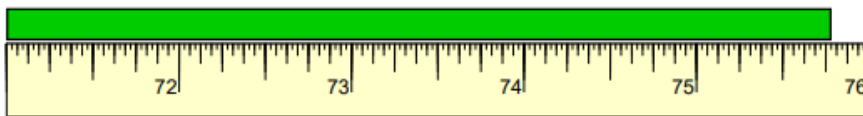
$$\begin{array}{r} 23 \\ 24 \overline{) 25} \\ \underline{24} \\ 1 \end{array}$$



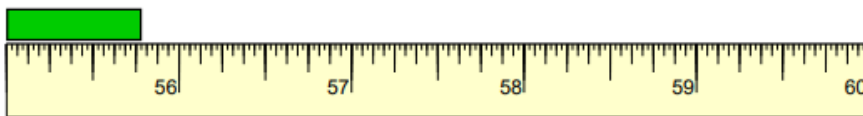
$$\begin{array}{r} 4 \\ 41 \overline{) 42} \\ \underline{41} \\ 1 \end{array}$$



$$\begin{array}{r} 1 \\ 67 \overline{) 68} \\ \underline{67} \\ 1 \end{array}$$



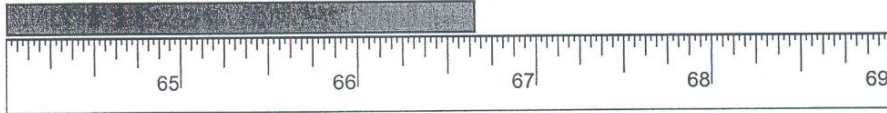
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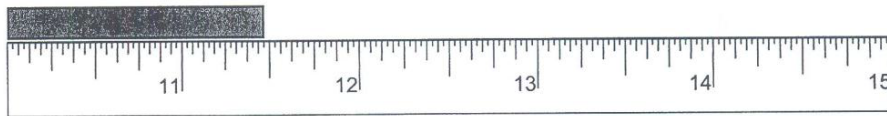
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### Reading a Tape Measure

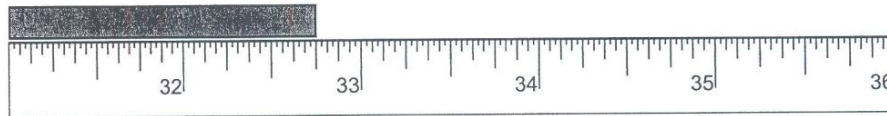
How many feet and inches?



\_\_\_\_\_



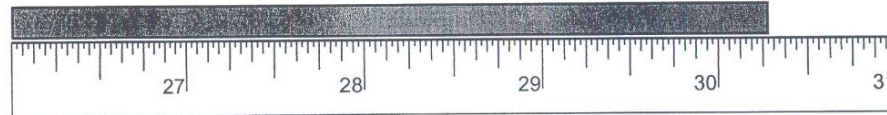
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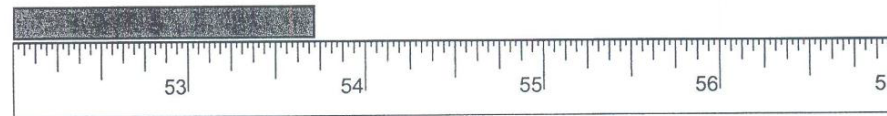
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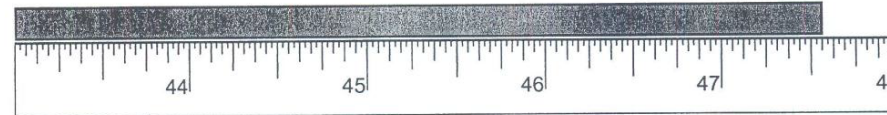
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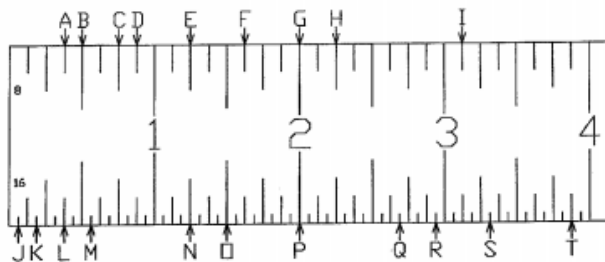
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Answer the next set of questions using the ruler pictured below.



| Question # | Measurement | A                  | B                   | C                  | D                   |
|------------|-------------|--------------------|---------------------|--------------------|---------------------|
| 41         | <b>A</b>    | $\frac{3}{8}$ "    | $\frac{3}{16}$ "    | $\frac{3}{4}$ "    | $\frac{3}{32}$ "    |
| 42         | <b>B</b>    | $\frac{4}{8}$ "    | $\frac{1}{2}$ "     | $\frac{5}{8}$ "    | $\frac{5}{16}$ "    |
| 43         | <b>C</b>    | $\frac{5}{8}$ "    | $\frac{7}{8}$ "     | $\frac{3}{4}$ "    | 1"                  |
| 44         | <b>D</b>    | $\frac{7}{8}$ "    | $\frac{3}{8}$ "     | $\frac{3}{16}$ "   | $\frac{3}{4}$ "     |
| 45         | <b>E</b>    | $1 \frac{1}{8}$ "  | $1 \frac{1}{16}$ "  | $1 \frac{1}{4}$ "  | $1 \frac{3}{4}$ "   |
| 46         | <b>F</b>    | $1 \frac{3}{8}$ "  | $1 \frac{5}{8}$ "   | $1 \frac{2}{8}$ "  | $1 \frac{4}{8}$ "   |
| 47         | <b>G</b>    | 1"                 | 2"                  | $2 \frac{1}{8}$ "  | $1 \frac{7}{8}$ "   |
| 48         | <b>H</b>    | $2 \frac{1}{8}$ "  | $2 \frac{1}{4}$ "   | $2 \frac{1}{6}$ "  | $\frac{1}{4}$ "     |
| 49         | <b>I</b>    | 3"                 | $3 \frac{1}{4}$ "   | $3 \frac{1}{8}$ "  | $3 \frac{1}{2}$ "   |
| 50         | <b>J</b>    | $\frac{1}{8}$ "    | $\frac{1}{16}$ "    | $\frac{1}{4}$ "    | $\frac{1}{2}$ "     |
| 51         | <b>K</b>    | $\frac{3}{16}$ "   | $\frac{3}{8}$ "     | $\frac{3}{4}$ "    | $\frac{1}{16}$ "    |
| 52         | <b>L</b>    | $\frac{3}{8}$ "    | $\frac{3}{16}$ "    | $\frac{3}{4}$ "    | $\frac{3}{32}$ "    |
| 53         | <b>M</b>    | $\frac{10}{16}$ "  | $\frac{9}{16}$ "    | $\frac{7}{16}$ "   | $\frac{8}{16}$ "    |
| 54         | <b>N</b>    | $1 \frac{1}{8}$ "  | $1 \frac{1}{16}$ "  | $1 \frac{1}{2}$ "  | $1 \frac{3}{4}$ "   |
| 55         | <b>O</b>    | $\frac{1}{2}$ "    | $\frac{3}{4}$ "     | $\frac{1}{4}$ "    | $1 \frac{1}{2}$ "   |
| 56         | <b>P</b>    | 1"                 | 2"                  | $2 \frac{1}{8}$ "  | $1 \frac{7}{8}$ "   |
| 57         | <b>Q</b>    | $2 \frac{9}{16}$ " | $2 \frac{13}{16}$ " | $2 \frac{7}{16}$ " | $2 \frac{11}{16}$ " |
| 58         | <b>R</b>    | $2 \frac{3}{16}$ " | $2 \frac{7}{16}$ "  | $2 \frac{9}{16}$ " | $2 \frac{15}{16}$ " |
| 59         | <b>S</b>    | $3 \frac{5}{16}$ " | $3 \frac{3}{16}$ "  | $3 \frac{7}{16}$ " | $2 \frac{15}{16}$ " |
| 60         | <b>T</b>    | $3 \frac{1}{2}$ "  | $3 \frac{3}{4}$ "   | $3 \frac{1}{4}$ "  | $3 \frac{7}{8}$ "   |

## Attachments

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Assignment - Measuring in an Imperial System.pdf

Day 1\_adding and Subtracting Fractions.ks-ipa