1.5 Order of Operations

1. Parentheses
2. Exponents
3a. Multiplication (left to right)
3b. Division (left to right)
4a. Addition
4b. Subtraction (left to right)
15 - 4 + 6

Rule 1: Perform any calculations shown inside parenthesis or grouped

Rule 2: Perform all multiplications and divisions next, working left to right

Rule 3: Perform additions and subtractions last, working left to right
Class Practice

\[ 3 \left[ 4 - \left( \frac{6(2+3)}{22-7} \right) \right] = 15 \]

\[ 3 \left[ 4 - (2) \right] = 6 \]
\[ 12 - \frac{2+8}{2+3} = 17 \]

\[ 12 - \frac{(2+8)}{(2+3)} \]

\[ 3 \left[ 4 - \frac{6(2+3)}{22-7} \right] \]

\[ 3 \left( 4 - \frac{(6(2+3))}{(22-7)} \right) \]
Reading Tape measures

1) 19 \frac{3}{8}''
2) 46 \frac{1}{16}''
3) 59 \frac{3}{4}''
4) 83 \frac{3}{16}''
5) 30' 11''
6) 17 \frac{7}{8}
7) \frac{5}{8}''
8) \frac{1}{16}'' = \frac{1}{8}''
9)