Convert $4'\frac{1}{2}''$ to inches

4 feet = _____ in

= 4 x $\frac{\text{inches}}{\text{feet}}$

= 4 x $\frac{12}{1}$

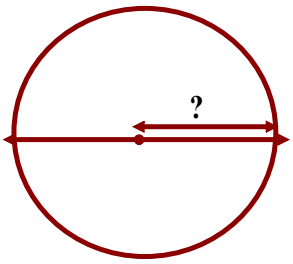
= $\frac{48}{1}$

= 48

48.5 inches

Doug is the cost estimator for a landscape company He has to calculate the amount of material needed to construct a circular outdoor patio built from paving stones. The diameter is 13 m. One bundle of paving stones covers 116 ft^2. Doug has ordered 11 bundles of paving stones. Did he order enough to cover the whole area?

When complete, the patio will look similar to this design.



Area $= (3.14)r^2$
$= (3.14)(21.33)^2$
$= (3.14)(454.97)$
$= 1428.61$

Convert 13 x $\frac{\text{feet}}{\text{meters}}$

13 x $\frac{3.2808}{1}$

42.65

Number of bundles
$= 1428.61 / 116$
$= 12.32$

At Sandspit in PEI a child purchases a bracelet for the park. Their are two different prices for bracelets. If you are 36 inches or less the price for a day bracelet is $20.00. If you are more than 36 inches the price is $24.99. If the child is 104 cm, which bracelet should he purchase?

$$\text{Number} \times \frac{\text{want}}{\text{have.}}$$

$$104 \times \frac{\text{inches}}{\text{cm}}$$

$$104 \times \frac{1}{2.54}$$

$$= 40.94 = \$24.99$$

Pg. 150

#1, #2, #4, #5, #6

bacon
cheese