

Worksheet

1. 700 inches  $\rightarrow$       yds      ft      in

$700 \div 12 = 58.33 \text{ ft}$   
 $58 \text{ ft } 4 \text{ in}$

*.33 of a ft  
 $.33 \times 12$*

$58 \div 3 = 19.33 \text{ yds}$

19 yds, 1 ft, 4 in

*.33 of a yd  
 $.33 \times 3$*

2. 125 ft  $\rightarrow$  yds, ft

$125 \div 3 = 41.67 \text{ yds}$   
 $41 \text{ yds } 2 \text{ ft}$

*.67 of a yd  
 $.67 \times 3$*

3. Mark 182.5 cms  $\rightarrow$  feet, in

$182.5 \div 2.5 = 73 \text{ in}$   
 $73 \div 12 = 6.08$   
 $6 \text{ ft } 1 \text{ in}$   
 $6' 1''$

4. Fred 65 miles  
 Alex 114 kms

$$65 \times 1.6 = 104 \text{ kms} \quad \text{Fred is closer}$$

5. 4 yds  $\rightarrow$  cms?

$$4 \text{ yds} \rightarrow 144 \text{ in} \times 2.5 = \boxed{360 \text{ cms}}$$

$$\begin{array}{l} 4 \times 36 \text{ in} \\ \text{yds} \rightarrow \text{inches} \end{array} \quad \begin{array}{l} \text{yds} \rightarrow \text{ft} \rightarrow \text{in} \\ 4 \times 3 = 12 \times 12 = 144 \text{ in} \end{array}$$

6. Perimeter = 558 inches  
 — 2ft door

$$558 - 24 \text{ in} = 534 \text{ in}$$

$$534 \div 12 = 44.5 \text{ ft}$$

$$\boxed{44 \text{ ft } 6 \text{ in}}$$

$$\begin{array}{l} \text{b) } 45 \times 1.65 \\ = \$74.25 \end{array}$$

Sheet (typed)

1. 112 ft  $\rightarrow$  yds ft

1. 37 yd 4 ft

2. 8 yd 8 in

3. 4 mi 653 yds or 4 mi 651 yds

4. 155 cm

5. 56 km

6. a) 11 ft 10 in

b) \$21.36

1. a) 12 yds 1 ft  
b) \$77.87

2 a) 252 in  
b) 5ft 5in  
c) 28.8 in  
d) 5ft 6in  
e) 12.5cm  
f) 30 yds 2ft  
g) 204 inches

2 h) 2 yds 1 in  
i) 3 yds 2 in  
j) 8 yds  
k) 68 in  
l) 862.4 km

3 a) 246 ft      e) 90 cms  
b) 15840 ft    f) 5ft 3in  
c) 432 in  
d) 2 ft      4. Jacob taller  
5. \$23.04