

Worksheet Sept. 10

1 a) $6 \times 3 = 18 \text{ ft}$

b) $4 \text{ ft } 3 \text{ in}$

c) $1 \text{ yd } 2 \text{ ft } 2 \text{ in}$

d) $2463 \text{ yds } 12 \text{ in}$

e) 86 in

f) 30 in

g) 859.4 miles

$$2. \begin{array}{r} 66 \text{ in} \\ \times 2.5 \\ \hline 165 \text{ cm} \end{array}$$

$$3. 114 \text{ km} \rightarrow 71.25 \text{ miles} \\ \div 1.6$$

or

$$68 \text{ mi.} \times 1.6 = 109 \text{ kms}$$

$$4. 4 \text{ yds} \rightarrow 144 \text{ inches} \\ \div 8 = 18 \text{ bracelets}$$

$$5. 52 \text{ ft} \\ \div 3 = 17 \text{ yds } 1 \text{ ft}$$

$$\text{Buy } 18 \text{ yds} \times 8.99 = \$161.82$$

Sept.11 Worksheet done in-class, finish for homework

1. 5ft

$$5 \times 12 = \underline{60 \text{ in}}$$

2. 39ft = 13yds

$$39 \div 3$$

3 1 mile = 5280 ft

$$1 \text{ mile} = 1760 \text{ yds}$$

$$1 \text{ yd} = 3 \text{ ft}$$

$$1760 \times 3 = 5280$$

4. 48in

$$48 \div 12 = 4 \text{ ft}$$

5. 7yd = 252 in

6. 46in = 3.83 ft

7. 38in = 3ft 2in

8. 14 miles = 22.4

$$14 \times 1.6$$

9. 52 inches = 130cm

10. 2ft = 24in

1. Ben 49 inches $\Rightarrow 49 \times 2.5 = 122.5$ cm
 Shelley 116 cm
 or $\frac{116}{2.5} = 46.4$ in

Ben is taller

2. 568 inches

___ yards ___ feet ___ inches

inches \rightarrow feet
 $568 \div 12 = 47.\bar{3}$ *.3 of a foot*
 47 feet 4 in

___ yards, 47 feet, 4 in

feet \rightarrow yards
 $47 \div 3 = 15.6\bar{7}$ *.67 of a yard*

15 yards, 2 ft, 4 in

3. 86 ft \rightarrow yards & feet

$86 \div 3 = 28.6\bar{7}$ yds

28 yds, 2 ft

- 4a) 368 in \rightarrow ___ feet ___ inches

$368 \div 12 = 30.6\bar{7}$ feet *.67 $\times 12$*
 30 feet, 8 in

b) \$1.89 per ft.
 $31 \times 1.89 = \$58.59$

5a) 5625 inches

— yds — ft, — in

$$5625 \div 12 = 468.75 \text{ ft}$$

468 ft 9 inches $.75 \times 12 = 9$

$$468 \div 3 = 156 \text{ yds}$$

156 yds, 9 in

$$b) 469 \times 1.39$$

\$651.91