

PRY MATH PG 89 EX 58

1.

a)

$$\begin{array}{r} 10 \\ \times 6.7 \\ \hline = 67 \end{array}$$

b)

$$\begin{array}{r} 5.32 \\ \times 6 \\ \hline = 31.92 \end{array}$$

c) 0.287

$$\begin{array}{r} \times 3 \\ \hline = 0.861 \end{array}$$

d) 4

$$\begin{array}{r} \times 0.856 \\ \hline = 3.424 \end{array}$$

e) 0.7

$$\begin{array}{r} \times 0.3 \\ \hline = 0.21 \end{array}$$

f) 0.8

$$\begin{array}{r} \times 0.9 \\ \hline = 0.72 \end{array}$$

g) 0.03

$$\begin{array}{r} \times 0.5 \\ \hline = 0.015 \end{array}$$

h) 0.6

$$\begin{array}{r} \times 0.004 \\ \hline = 0.0024 \end{array}$$

2

a) 1.2

$$\begin{array}{r} \times 1.2 \\ \hline = 1.44 \end{array}$$

b) 3.141

$$\begin{array}{r} \times 0.7 \\ \hline = 2.1987 \end{array}$$

c) 0.11

$$\begin{array}{r} \times 56.7 \\ \hline = 6.237 \end{array}$$

d) 4.1

$$\begin{array}{r} \times 7.36 \\ \hline = 30.176 \end{array}$$

e) 37.85

$$\begin{array}{r} \times 89.652 \\ \hline = 3393 \end{array}$$

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$$\begin{array}{r} \text{f) } 53.24 \\ \times 29.758 \\ \hline = 1584.31592 \end{array}$$

$$\begin{array}{r} \text{g) } 8.92 \\ \times 9.95 \\ \hline = 177.954 \end{array}$$

$$\begin{array}{r} \text{h) } 69.5 \\ \times 13.65 \\ \hline = 948.675 \end{array}$$

3. The average mass of eight people is 62.6 kg. What is their total mass?

$$\begin{array}{r} 62.6 \\ \times 8.0 \\ \hline = 500.8 \end{array}$$

4. Calculate the area of a rectangular football pitch whose length is 102.5 and its width is 97.1 m.

$$\begin{aligned} A &= L \times W \\ A &= 102.5 \times 97.1 \\ A &= 9943.525 \end{aligned}$$

5. A stone weighs 14.7562 kg on a scientific balance. What would be the mass of 15 such stones.

$$\begin{array}{r} 14.7562 \\ \times 15 \\ \hline = 221.343 \end{array}$$

6. A suit requires 3.25 m of material. How many meters will be required to make 9 suits.

$$\begin{array}{r} 3.25 \\ \times 9 \\ \hline = 29.25 \end{array}$$

7. Sigei bought 31.8 metres of timber at 12.60 per metre. How much money did she spend for the timber.

$$\begin{array}{r} 31.8 \\ \times 12.60 \\ \hline = 400.68 \\ \times 10 \\ \hline = 4006.8 \end{array}$$

CORRECTION

7. Sigei bought 31.8 metres of timber at 12.60 per metre. How much money did she spend for the timber.

$$\begin{aligned} 1\text{m} &= 12.60 \\ 31.8 &= ? \end{aligned}$$

$$12.60 \times 31.8 = 400.68.$$

2. e)

$$37.85 \times 89.652 = 3393.3282$$