

Word Problem Worksheet
& Solutions
Tao Nan Section B
P4 Mathematics SA1 2020

Show your working clearly in the space provided for each question and write your answers in the spaces provided.

11. a)

$$\text{Cost of dress} = 2 \times 63 = \$126$$

b)

$$\text{Cost of 5 dresses and a shawl} = 5 \times 126 + 63 = \$693$$

Ans: a) \$126
b) \$693

12. a)

$$\text{Breadth of rectangle} = 9 \div 3 = 3\text{m}$$

$$\text{Area of 1 rectangle} = 9 \times 3 = 27 \text{ m}^2$$

b)

$$\text{Perimeter} = 9 \times 4 + 3 \times 8 = 60 \text{ m}$$

Ans: a) 27 m^2
b) 60 m

13. Weight of $\frac{3}{4}$ of rice = $1696 - 496 = 1200\text{g}$ ($\frac{3}{4} = 1 - \frac{1}{4}$)
Weight of $\frac{1}{4}$ of rice = $1200 \div 3 = 400\text{g}$
Weight of container full of rice = $400 \times 4 = 1600\text{g}$
Weight of container when empty = $1696 - 1600 = 96\text{g}$

Ans: 96g

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14. Number of gaps between 1st and 5th pole = $5 - 1 = 4$
Distance of each gap = $36 \div 4 = 9\text{m}$
Number of gaps between 5th and 19th pole = $19 - 5 = 14$
Distance between 5th and 19th pole = $14 \times 9 = 126\text{m}$

Ans: 126m

15. Let number of friends = n

Number of marbles Henry had = $5n + 3 = 6n - 2$

$$n = 3 + 2 = 5$$

Number of marbles Henry had at first = $5n + 3 = 5 \times 5 + 3 = 28$

Ans: 28
