

Word Problem Worksheet
& Solutions
Henry Park
P4 Mathematics CA1 2018

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

16. Number of pupils = $2147 - 122 = 2025$

Excess pupils = 433

Number of boys = $(2025 - 433) \div 2 = 796$

Number of girls = $796 + 433 = 1229$

Ans: 1229

17. If all 20 are watermelon, amount spent = $20 \div 5 = 100$

Excess cost = $180 - 100 = \$80$

Difference in price between durian and watermelon = $15 - 5 = 10$

Number of durians = $80 \div 10 = 8$

Ans: 8

18. Difference in number of stamps = $1176 - 840 = 336$

Number of stamps that Ken need to Jon to even out = $336 \div 2 = 168$

Ans: 168

19. Total number of stickers after Tim gave away 35 = $1440 - 35 = 1405$

Number of stickers Sally had = $1405 \times \frac{4}{5} = 1124$

Ans: 1124

20. a)

Fraction of difference between food and transport spending = $\frac{3}{4} - \frac{1}{8} = \frac{5}{8}$

b)

Fraction of Aaron's saving = $1 - \frac{3}{4} - \frac{1}{8} = \frac{1}{8}$

Ans: (a) $\frac{5}{8}$
(b) $\frac{1}{8}$

Section C: Problem Sums (5 x 4 = 20 marks)

Read the following problem sums carefully. You may draw models to help you. Show all workings clearly and write your answers in the spaces provided.

16. In a school, there were a total of 2147 pupils and teachers.
There were 122 teachers. There were 433 more girls than boys.
How many girls were there?

Working

Ans : _____ [4]

17. Winson spent \$180 to buy a total of 20 watermelons and durians. Each watermelon cost \$5 and each durian cost \$15. How many durians did Winson buy?

Working

Ans : _____ [4]

18. Jon has 840 stamps and Ken has 1176 stamps.
How many stamps must Ken give to Jon so that they will have the same number of stamps?

Working

Ans : _____ [4]

19. Sally and Tim had a total of 1440 stickers at first. After Tim had given away 35 stickers, Sally had 4 times as many stickers as Tim. How many stickers did Sally have?

Working

Ans : _____ [4]

20. Every month, Aaron spends $\frac{3}{4}$ of his pocket money on food. He spends another $\frac{1}{8}$ of it on transport and saves the rest.
- a) What fraction of the pocket money does Aaron spend more on food than on transport?
- b) What fraction of the pocket money does Aaron save?

Working

Ans : a) _____ [2]

b) _____ [2]

- End of Paper -