

Simple Problem Worksheet

P5 Mathematics CA2 2015

References:
P5 2015 Math CA2 papers of NHPS, RS

For each question, show your workings clearly in the space below and write your answer in the space provided. Remember to include the units wherever possible.

1. Max wrote 200 numbers in the following repeat pattern:

5 5 1 3 5 5 3 5 5 1 3 5 5 3 5 5 1 3 5 5 3 5 5 1 3 5

What was the last number that he wrote?

Ans: _____

2. Mingli is 14 years old now. His sister is 2 years younger than him. What is the ratio of Mingli's age to his sister's age 3 years later?

Ans: _____

3. In a group of 80 children, 34 wear spectacles. What percentage of the children does not wear spectacles?

Ans: _____

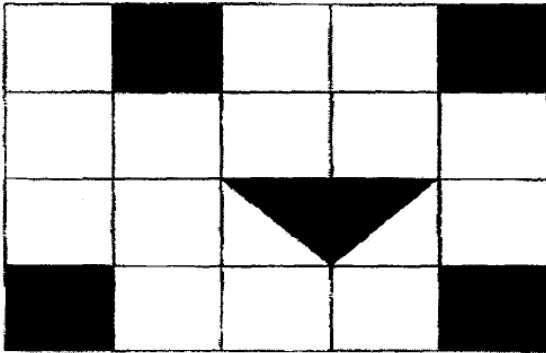
4. Xena, Yami and Zoe had a total of \$580. Xena had \$50 more than Yami. Zoe had thrice as much as Xena. How much money did Yami have?

Ans: _____

5. There were 60 adults in a restaurant at first. The ratio of the number of men to the number of women was 5 : 7. After 8 men and 8 women left the restaurant, what was the ratio of the number of men to the number of women remaining in the restaurant?

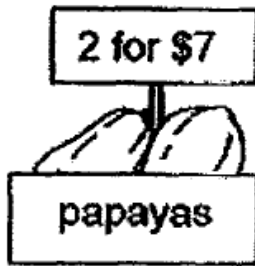
Ans: _____

6. What fraction of the figure below is shaded? Give your answer in the simplest form.



Ans: _____

7. Guo Liang paid \$56 for some papayas. How many papayas did he buy?



Ans: _____

8. A cube has a base area of 64 m^2 . Find its volume.

Ans: _____

9. Mrs Toh had some eggs. She bought another 87 eggs and then distributed all the eggs equally onto 9 trays. In the end, there were 11 eggs on each tray. How many eggs had Mrs Toh at first?

Ans: _____

10. Mei Ling has the same number of 20¢ coins and 50¢ coins in her purse. The total value of all her coins is \$7. How many coins does Mei Ling have altogether?

Ans: _____

Answer Key

Verified by www.sgtestpaper.com

Subject: Primary 5 Maths – Simple Problems

Paper: CA2 2015

1. Pattern --> 5513553 (7 time table)
 $200 \div 7 = 28$ remainder 4
5 5 1 3 5 5 3
Ans: 3
2. Sister's age -> $14 - 2 = 12$
Ming's new age -> $14 + 3 = 17$
Sister's new age -> $12 + 3 = 15$
Ans: 17 : 15
3. No Spectables -> $46 \div 80 \times 100\% = 57.5\%$
- 4.

x		50				
y						
z		50		50		50

$$50 \times 4 = 200$$

$$580 - 200 = 380$$

$$5u \rightarrow \$380$$

$$1u \rightarrow \$380 \div 5 = \underline{\$76}$$

5.

	M	:	W	:	Total
At first :	5	:	7	:	12
	-8	:	-8		

$$12u \rightarrow 60$$

$$1u \rightarrow 60 \div 12 = 5$$

$$M \rightarrow 5 \times 5 = 25$$

$$W \rightarrow 5 \times 7 = 35$$

$$M \text{ (in the end)} \rightarrow 25 - 8 = 17$$

$$W \text{ (in the end)} \rightarrow 35 - 8 = 27$$

Ans : 17 : 27

6. $10 \div (20 \times 2) = 10 \div 40 = \frac{1}{4}$
7. $56 \div 7 = 8$
 $8 \times 2 = 16$
8. $64 = 8 \times 8$
 $8 \times 8 \times 8 = 512 \text{ cm}^3$
9. $11 \times 9 = 99$
 $99 - 87 = 12 \text{ eggs at first.}$
10. $\$0.20 + \$0.50 = \$0.70$
 $\$7 \div \$0.70 = 10$
 $10 \times 20 = 20 \text{ coins altogether}$

References:

(Q1,2,3,4,5) = RS (Q1,2,3,4,5)

(Q6,7,8,9,10) = NHPS (Q1,2,3,4,5)