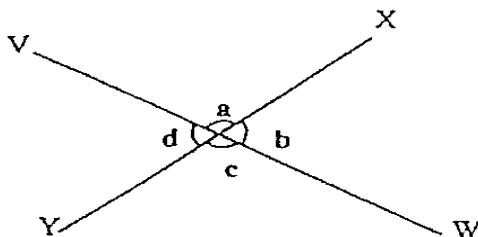


**Primary Five
Mathematics
Continual Assessment Two**

Questions 1 to 5 carry one mark each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write it in the space provided.

1.



In the figure above, VW and XY are straight lines.

Which one of the following statements about the figure is not true?

- (1) $\angle a = \angle c$
- (2) $\angle c = \angle d$
- (3) $\angle b + \angle c = 2 \text{ right angles}$
- (4) $\angle a + \angle b = \angle c + \angle d$

2. Express 4 kg 25 g in kg.

- (1) 425 kg
- (2) 4025 kg
- (3) 4.25 kg
- (4) 4.025 kg

3. $\frac{9}{50}$ expressed as a percentage is _____%.

- (1) 9
- (2) 18
- (3) 90
- (4) 180

4. Which one of the following could be the average height of a group of Pri 6 pupils?

- (1) 1.56cm
- (2) 15.6cm
- (3) 1.56m
- (4) 15.6m

5. A machine fills 360 bottles of honey in 30 minutes.
The rate is _____ bottles per minute

- (1) 6
- (2) 12
- (3) 120
- (4) 180

6. A piece of string is 8.48m long. It is cut into 2 pieces. The longer piece is 4.32 m long. The shorter piece is then cut into 4 equal pieces. What is the length of each small piece?

- (1) 1.04m
- (2) 1.08m
- (3) 2.08m
- (4) 4.16m

7. $0.943 \times 40 = \underline{\hspace{2cm}} - 10$

- (1) 37.72
- (2) 47.72
- (3) 367.2
- (4) 487.2

8. After spending \$1.20, a boy still had \$4.80 left. What percentage of his money did he spend?

- (1) 20%
- (2) 80%
- (3) 25%
- (4) 75%

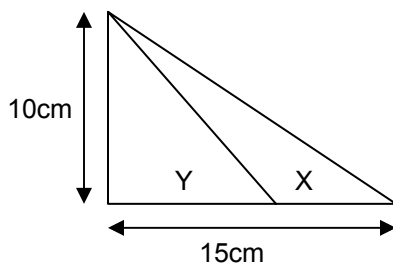
9. Mary gets 17 out of 25 sums correct. What percentage of her sums is wrong?

- (1) 8%
- (2) 17%
- (3) 32%
- (4) 68%

10. John bought a television set at a discount of 15%. The usual price was \$950. How much was the discount?

- (1) \$142.50
- (2) \$575.30
- (3) \$807.50
- (4) \$1092.50

11.



In the figure above, the area of X to the area of Y is 1:4.
What is the area of X?

- (1) 150cm²
- (2) 75cm²
- (3) 60cm²
- (4) 15cm²

12. \$24 900 was shared among Alex, Bob and Carl in the ratio 2:3:5. How much more money than Alex did Carl get?

- (1) \$2490
- (2) \$4980
- (3) \$7470
- (4) \$8300

13. A taxi driver charges \$2.40 for the first km and \$0.20 for every $\frac{1}{2}$ km or part thereof. How much will a passenger have to pay for a journey of $5\frac{3}{4}$ km?

- (1) \$3.60
- (2) \$3.80
- (3) \$4.30
- (4) \$4.40

14. Sam and Dave had an equal number of marbles. After Sam lost 9 marbles and Dave lost 12, Sam had twice as many marbles as Dave. How many marbles did each have at first?

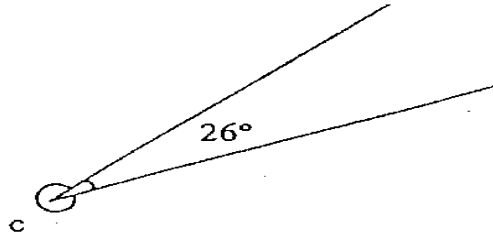
- (1) 15
- (2) 24
- (3) 30
- (4) 63

15. One-third of Ann's weight is equal to half of Regina's weight. Express Regina's weight as a fraction of their total weight.

- (1) $\frac{1}{5}$
- (2) $\frac{2}{3}$
- (3) $\frac{5}{6}$
- (4) $\frac{2}{5}$

Questions 16 to 35 carry 1 mark each. For each question, write your answer in the answer space provided.

16. The figure below is not drawn to scale. Find $\angle c$.



17. 6.666 rounded off to 2 decimal place is _____.

18. $64 \div 8 \times 2 + 14 =$ _____

19. Express $\frac{12}{25}$ as a percentage.

20. 15 out of 20 pupils in a class walk to school. What percentage of the class walk to school?

21. The number of tickets sold at a stadium for 5 football matches was 280 937. Round off this number to the nearest thousand.

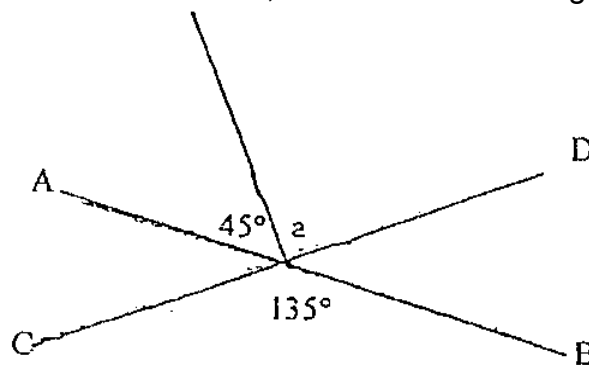
22. Mr Yeo earns \$23 8880 a year. What is his monthly salary?

23. What is the remainder when 2775 is divided by 17?

24. The figure is made up of 6 identical rectangles. What fraction of the figure is shaded?



25. In the figure, not drawn to scale, AB and CD are straight lines. Find $\angle a$.



26. I am facing south-east. If I turn 135° anti-clockwise, I will be facing _____.

27. A shirt and 3 T-shirts cost \$129.50. A similar shirt and 5 similar T-shirts cost \$184.50. Find the cost of a T-shirt.

28. 7.2kg of meat is packed into bags of 600g each. How many such bags can be obtained?

29. At a concert, 32% of the audience were men, 48% were women and the rest were children. There were 160 children. How many people were at the concert?

30. There are 40 members in a stamp club. 35% of them are girls. If another 10 girls join the club, what percentage of the members are girls?

 %

31. The average of 3 numbers is 2.4. The average of 3 other numbers is half as much. Find the total of the 6 numbers.

32.

Postage charge for parcel				
Weight not over	1 kg	1.5kg	3kg	5kg
Cost	\$1.40	\$2.10	\$3.00	\$5.00

What is the cost of sending a parcel weighing 2kg?

33. There were 60 beads. $\frac{1}{4}$ of the beads were green and the rest were red. When 15 more red beads were added, what fraction of the beads was green? (Write your answer in its simplest form.)

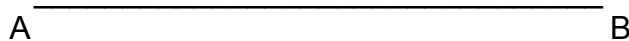
34. The average of two numbers is 200. The difference between them is 20. What is the larger number?

35. In a crate, there are 33 more oranges than apples. The number of oranges is $\frac{7}{11}$ of the total number of fruit. How many fruit are there in the crate?

For questions 36 to 50, show your working clearly in the space below each question and write your answers in the space provided.

36. Devi is 10 years old. The ratio of her age to her brother's age is 5:7. How old is her brother? [2]

37. $\angle CAB$ is 315° . Draw the line CA and mark the angle. [2]



38. Mr Toh rented a car for $4\frac{1}{2}$ h. How much did he pay? [2]

Car Rental	
Time	Cost
First hour	\$20
Subsequent hour or part thereof	\$12

39. 5 mugs of water can fill 0.25 of an aquarium. Another 5 mugs and 6 bottles of water can fill the rest of the aquarium. If each bottle can hold 1.5litres of water, what is the capacity of the aquarium? [3]

40. The average weight of 5 boys is 38.4kg and the total weight of 3 girls is 85.2kg. If one of the boys weighs 32.3kg, what is the average weight of the other 7 children. [3]

41. In a factory, there were 1425 male and female worker altogether. $\frac{1}{5}$ of the male of workers and $\frac{1}{9}$ of the female workers left the factory. The remaining number of male and female workers was the same. How many workers left the factory? [3]

42. Mary mixed 4.56kg of cashew nuts with half as much walnuts and three times as much peanuts. She packed the nuts into 8 packets of equal weight. What was the weight of the nuts in each packet? Give your answer in kilograms, correct to 2 decimal places. [4]

43. John bought some apples and 28 pears. He bought 4 times as many apples as pears. Each apple cost \$0.45 and each pear cost \$0.70. John bought the fruit at a discount of 15%. How much did John pay altogether? [4]

44. 40% of the children at a computer camp are girls. $\frac{2}{5}$ of the girls and $\frac{1}{5}$ of the boys wear glasses. There are 120 boys who do not wear glasses. How many children were there? [4]

45. Jim spent $\frac{1}{4}$ of his money on album and $\frac{5}{6}$ of the remainder on a pen. With the rest of the money, he bought 4 pencils which cost \$0.60 each. How much did Jim spend altogether? [4]

46. Mr Wee earned a monthly salary of \$4800. Each month, the ratio of his savings to his expenditure was 3:5. The ratio of his expenditure on entertainment to his expenditure on food was 1:3.

- (a) What was Mr Wee's monthly expenditure? [2]
- (b) Find his yearly expenditure on entertainment. [2]

47. 8 men earn \$3840 in 2 weeks altogether. Each man is paid the same amount each week.

(a) How much does each man earn in a week? [2]

(b) In how many weeks will 25 men earn a total of \$72 000? [3]

48. Anna wanted to buy 15 similar scarves for her friends, but found that she was \$19.50 short. If she had bought 8 scarves, she would have \$40 left over.

- (a) Find the cost of one scarf. [3]
- (b) What was the amount of money she had? [2]

49. Connie had some money. She gave \$960 to her father and 25% of the remainder to her mother. If Connie gave away 55% of her money,
- (a) what percentage of the total amount did her mother receive? [2]
 - (b) how much money did she have for herself? [3]

50. There are 40 pupils in a class. Each girl is given 5 books and each boy is given 3 books. The girls have 144 more books than the boys. How many girls are there in the class? [5]

End of Paper