

**Primary Four
Mathematics
Semestral Assessment One**

Section A (20 x 2 marks)

For each of the following questions, choose the correct answer and write down the option in the space provided.

1. What number when rounded off to the nearest ten is 68 200?

(1) 68 155

(2) 68 197

(3) 68 208

(4) 68 245

2. The sum of 4 130 and 2 345 when rounded off to the nearest hundred is

(1) 6 400

(2) 6 475

(3) 6 480

(4) 6 500

3. Which of the following alphabets is symmetrical?

(1) **J**

(2) **L**

(3) **M**

(4) **N**

4. Which of the following is a common multiple of 4, 12 and 18?

(1) 18

(2) 2

(3) 24

(4) 36

5. Find 215×17 .

(1) 232

(2) 1 505

(3) 1720

(4) 3 655

6. Which number when divided by 7 gives 287?

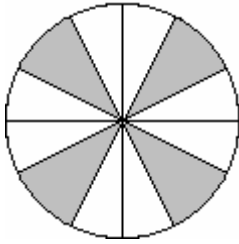
(1) 2 009

(2) 1469

(3) 1409

(4) 41

7. How many more parts of the circle must be shaded so that $\frac{1}{2}$ of the circle is shaded?



Each part is of the same size.

- (1) 6 (2) 2
(3) 3 (4) 4

8. $\frac{13}{15} + \frac{1}{3} = \underline{\hspace{2cm}}$. Give your answer in its simplest form.

- (1) $\frac{14}{15}$ (2) $1 \frac{1}{15}$
(3) $1 \frac{1}{5}$ (4) $1 \frac{3}{15}$

9. Sylvia bought 25 roses and 15 carnations. Her mother gave her another 16 daisies. What **fraction** of the total number of her flowers were daisies?

- (1) $\frac{2}{5}$ (2) $\frac{2}{7}$
(3) $\frac{16}{31}$ (4) $\frac{16}{41}$

10. $\frac{5}{6}$ of the pupils signed on to go on an excursion. If only 300 pupils went, how many were absent?

- (1) 50 (2) 60
(3) 250 (4) 360

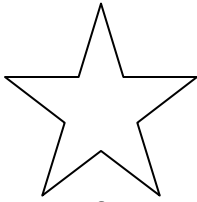
11. Jenny gave $\frac{2}{5}$ of her stickers to her sister. How many stickers did she have at first if her sister received 40 stickers?

- (1) 20 (2) 40
(3) 60 (4) 100

12. Every month, John spends $\frac{7}{9}$ of his money and saves the rest. If he gets \$81 every month, how much can he save in 6 months?

- (1) \$18 (2) \$108
(3) \$378 (4) \$486

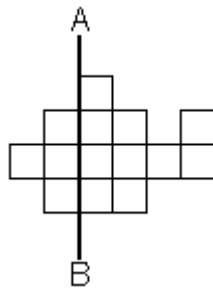
13.



In the figure above, how many angles are greater than 180° ?

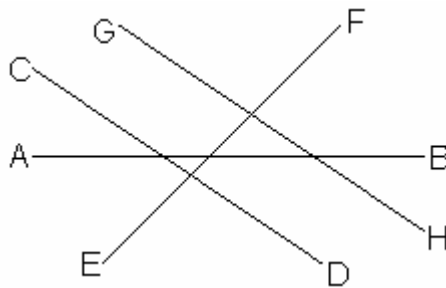
- (1) 0
- (2) 1
- (3) 5
- (4) 10

14. What is the least number of squares you need to add to left side of the figure to make AB the line of symmetry of the figure?



- (1) 2
- (2) 3
- (3) 4
- (4) 6

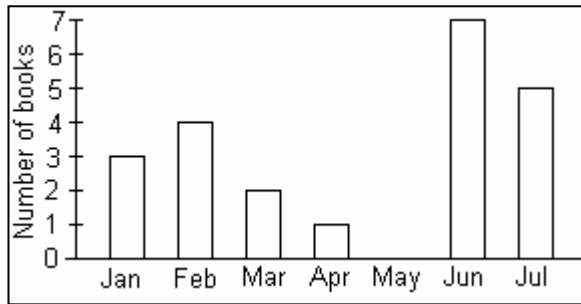
15.



Which two lines are parallel?

- (1) AB & EF
- (2) CD & GH
- (3) EF & GH
- (4) AB & CD

20. The graph below shows the number of books Andy read in a particular period of time.



If Andy's parents rewarded him with \$2 for each book he read, how much money would he have at the end of the 7 months?

- (1) \$14
- (2) \$44
- (3) \$24
- (4) \$22

Section B (20 x 2 marks)

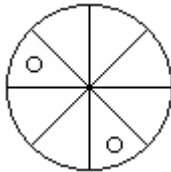
Read the questions carefully and write down your answer in the space given.

21. 41 864 when rounded off to the nearest _____ is 42 000.

22. What is the smallest four digit **odd** number you can form with the digits 3, 5, 6 and 8?

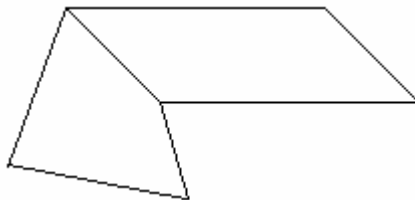
23. _____ is the highest common factor of 16 and 36.

24. The figure below has _____ line(s) of symmetry.

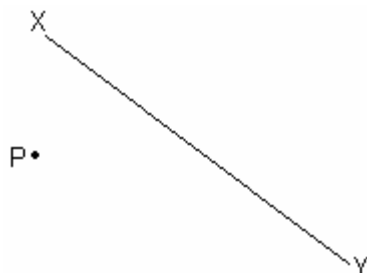


25. A number is between 50 and 60. When divided by 4, it gives a remainder of 3. When divided by 3, it gives a remainder of 2. What is the number?

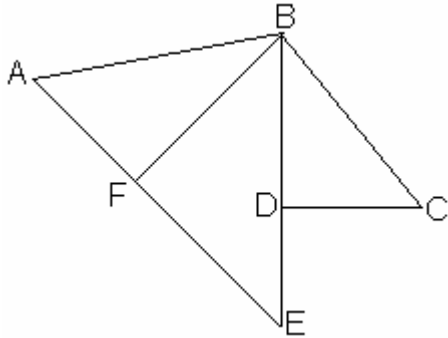
26. How many pairs of parallel lines are there in the figure below?



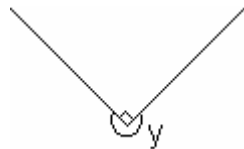
27. Draw a line perpendicular to XY through the point P.



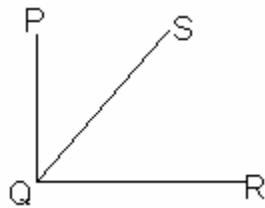
28. $AE \perp FB$ and $FB \perp BC$ are two perpendicular lines in the figure below. Name the third pair of perpendicular lines.



29. Find $\angle y$.



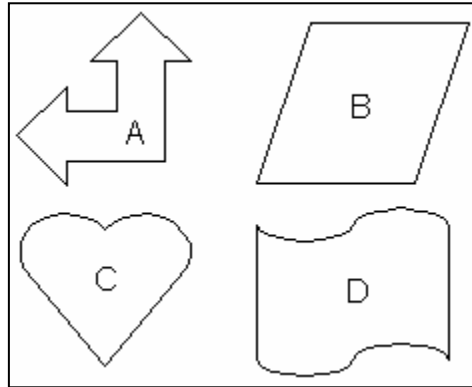
30. In the figure below, $PQ \perp QR$. Given that $\angle PQS$ is 36° , find $\angle SQR$. The figure is not drawn to scale.



31. Express 60cm as a fraction of 1m in its simplest form.

32. Jamie bought $2 \frac{2}{5}$ kg of flour. Rachel bought $1 \frac{4}{5}$ kg of flour. How many more kilograms of potatoes did Jamie buy than Rachel? Give your answer in its simplest form.

33. Which figure has line of symmetry?



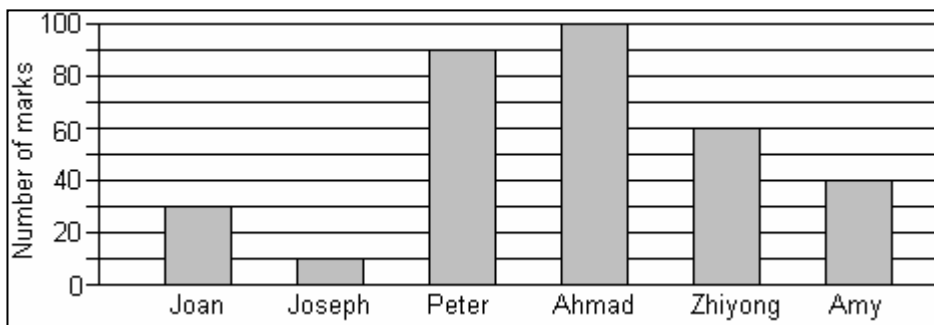
34. Jennifer bought 72 eggs. $\frac{1}{6}$ of them were broken and some were sold. If Jennifer had 13 eggs left, how many eggs were sold?

35. Jeremy drank $\frac{5}{8}$ of water. His brother drank $\frac{3}{4}$ of water. If their sister drank $\frac{1}{8}$ less than the two of them put together, how much did the sister drink?

36. Arrange the fractions below in descending order.

$\frac{7}{6}, \frac{5}{24}, \frac{1}{8}, \frac{13}{48}$

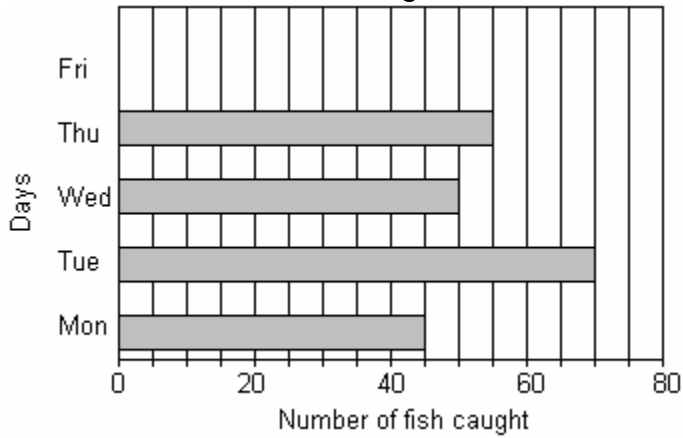
Study the following graph carefully and answer questions 37 and 38. The graph depicts the number of marks 6 friends got in an English test.



37. Who got thrice as many marks as Joan?

38. What is the difference between the highest marks and the least?

Study the graph below and answer questions 39 and 40. The graph show the number of fish Mr Chen caught in a week.



39. On Friday, Mr Chen caught half the number of fish caught on Tuesday.
Complete the graph for Friday.

40. If each fish can fetch \$2 in the market, on which day would he have earned \$110.00?

Section C (5 x 4 marks)

Read the questions carefully and answer them in the space given. Show all your working clearly.

41. Last year, Pauline was $2\frac{3}{4}$ kg heavier than Joyce. Joyce weighed $20\frac{1}{2}$ kg last year. What is Pauline's weight this year if she has lost $1\frac{1}{2}$ kg? Give your answer in its simplest form.

42. Mr and Mrs Chin earn \$2 050 per month altogether. Every month they save \$1 010 and gave each of their 3 children \$30. They spend the rest of their money. How much will they spend in 12 months?

43. Lawrence paid \$90 for 3 cushions and 3 stool. Each stool costs 4 times as much as a cushion. Find the difference in cost between a stool and a cushion.

44. Mr Lim had some papayas. He sold $\frac{1}{4}$ of them at his shop. $\frac{1}{6}$ of the papayas were given to his family and 14 were given to his friends. How many papayas did he have at first?

45. Out of 420 students, $\frac{3}{5}$ of them know how to swim. $\frac{2}{3}$ of those who do not know how to swim are boys. How many girls do not know how to swim?