

Division

P

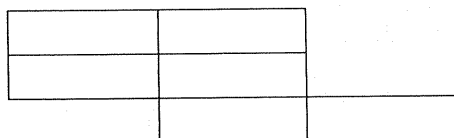
Year 3

MATHS OLYMPIAD 2017 CONTEST



- 1 Calculate :
 $65 + 18 \times 0 = (\quad) - 53$

- 2 How many rectangles can you count?



- 3 Lily receives RM5 pocket money on every school day. Each day she saves RM1.50. After how many days she will be having RM18 of saving?

- 4 Find the smallest 3-digit number which is a multiple of 9.

- 5 In a Puzzle Solving Contest, the results are shown as per below.

- (A) Phoebe is faster than Kent.
- (B) Kent is slower than Tim.
- (C) Phoebe is slower than Tim and Helen.
- (D) Helen is faster than Tim.

Who is the 2nd prize winner?



- 6 In the following subtraction, what is the value of $P + Q$?

$$\begin{array}{r} P \quad Q \\ - \quad Q \quad P \\ \hline \quad \quad P \\ \hline \end{array}$$

- 7 What is the 15th number in the following arithmetic series?

$$5 + 9 + 13 + \dots + 65 + 69 + 73$$

- 8 Which pattern is missing?

	?	

- 9 After Gina gave 4 toys to Don, both of them have the same number of toys. How many more toys did Gina have than Don at first?

10



: "When I was born, Turtle was 3 years old."

: "Now my age is 2 times of Rabbit's age."

How old is Rabbit next year?

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ASIAN MATHS OLYMPIAD 2017 CONTEST



11 What is the missing number?

2, 4, 8, 16, __, 64

12 Use the following digits to make two 3 digit number, then add them together. What is the biggest sum?



13 Rectangle cards, 3cm x 4 cm are cut from a square sheet 20cm by 20cm. What is the greatest number of cards that can be cut from the sheet?

14 $P + W = 29$
 $W - R = 14$
 $P + P + P = 36$

What is the value of $W \times R$?

15 In the following queue, if Livia moves 6 positions to the left then Yumi move 8 positions to the right, Nina is in which position from the left?

X, X, X, Yumi, X, X, X, Nina, X, X, X, X, X, Livia, X

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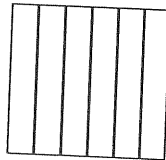
**MATHS OLYMPIAD
2017 CONTEST**



16 How many pages does a book have if I use 89 digits in numbering the pages of the book?

17 To cut a 2m long string into smaller pieces of 40cm each, how many times do you need to cut?

18 Six rectangles can form a square as shown below. If the side of the square is 12cm, what is the area of a rectangle?



19 If the product of 3 consecutive numbers is 120, what is the smallest number?

20 Today is Wednesday. What day of the week will it be 46 days from now?

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**MATHS OLYMPIAD
2017 CONTEST**



21 Cindy, Jane and Amy were playing laser tag games. The ratio of the marks scored by them was $4 : 5 : 3$ respectively. If the total marks was 360, what was Amy's mark?

22 Adeline scored the following marks in her exam: Mathematics 98%, English 82%, Science 90% and Mandarin 90%. What is her average marks?

23 The sum of ages of Fiona and her mother is 44 years old this year. After how many years, mother's age is three times of Fiona's age?

24 There are 5 Saturdays and 5 Mondays in a month. Susan attends tuition classes on every Monday and Friday. If each lesson is RM20, how much does the tuition classes cost in this month?

25 Siti has a bag of mini coins. She took $\frac{2}{3}$ of the coins, then gave $\frac{1}{2}$ of what was left to her friend. There are 8 coins left in the bag. How many coins were in the bag to begin with?