

SINGA SAMPLE QUESTIONS

DIVISION INTERMEDIATE (GRADE 5 & 6) – Singateers Round (MCQ)

Q1

The table below shows the marks obtained by five students for their Mathematics test. How many student(s) obtained more than the average mark of the group?

Name of students	Marks obtained
Ashykin	35
Benson	31
Charles	42
Devi	45
Eng Hui	27

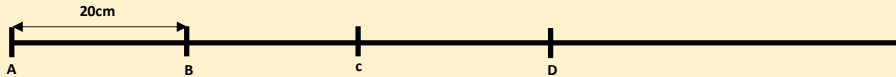
- 1) 1
- 2) 2
- 3) 3
- 4) 4

()

DIVISION INTERMEDIATE (GRADE 5 & 6) – Singateers Round (Open-ended)

Q2

In the figure below, AB is 20cm. B is the midpoint of AC, C is the midpoint of BD and D is the midpoint of BE. What is the length of AE?

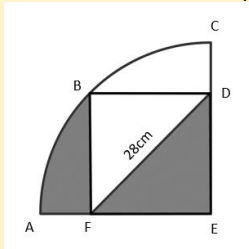


Answer: _____ cm

DIVISION INTERMEDIATE (GRADE 5 & 6) – Team ABC Round

Q1

The figure below is formed by a square BDEF and a quadrant. Given that DF = 28 cm, find the total area of the shaded parts. (Take $\pi = \frac{22}{7}$) (3 marks)



Answer: _____ cm²

Q2

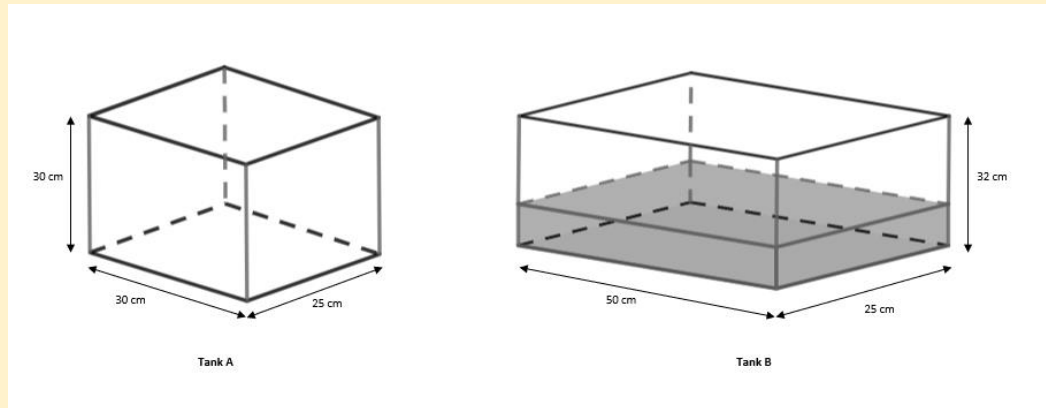
Tim had \$1060 more than Cory. After Tim gave $\frac{4}{9}$ of his money to Cory, they each had the same amount of money. How much money did Cory have at first? (4 marks)

Answer: \$ _____

SINGA SAMPLE QUESTIONS

Q3

Two rectangular tanks are shown below. At first tank A was empty and $\frac{1}{4}$ of Tank B was filled with water. Both taps were turned on at the same time and water from both taps flowed at the same rate of 1.5 litres per minute. How long did it take for the height of water to be the same in both tanks? (1 litres = 1000cm³) (5 marks)



DIVISION INTERMEDIATE (GRADE 5 & 6) – Dash Round

Q1

Henry bought some chocolates and gave half of them to Wen Jie. Wen Jie bought some sweets and gave half of them to Henry. Henry ate 15 sweets and Wen Jie ate 18 chocolates. After that, the number of sweets and chocolates Henry had were in the ratio 1:7 and the number of sweets and chocolates Wen Jie had were in the ratio of 1:4. How many sweets did Wen Jie buy?

Answer: _____ sweets