MATH

P5 Math
EOY Revision

P6 MATH

Section A – MCQ

1) Which of the following is eight hundred and six thousand and thirteen in numerals?

   (1) 800 613
   (2) 806 013
   (3) 806 130
   (4) 860 013

   (   )

2) What is the value of 36 000 ÷ 400?

   (1) 9
   (2) 90
   (3) 900
   (4) 9 000

   (   )

3) Find the value of 102 – 24 ÷ (3 + 1) × 2

   (1) 39
   (2) 84
   (3) 90
   (4) 96

   (   )

4) Which of the following is equal to $5\frac{2}{5}$?

   (1) 5.52
   (2) 5.40
   (3) 5.25
   (4) 5.20

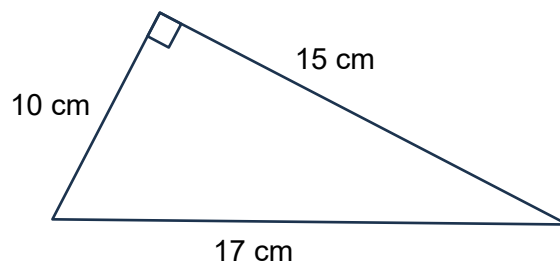   (   )

5) What does the digit 6 in 8.567 stand for?

   (1) 6 ones
   (2) 6 tenths
   (3) 6 hundredths
   (4) 6 thousandths

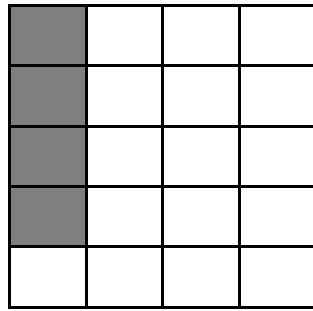   (   )

6) The figure shows a right-angled triangle.

   Find the area of the triangle.

   (1) 150 cm²
   (2) 120 cm²
   (3) 85 cm²
   (4) 75 cm²

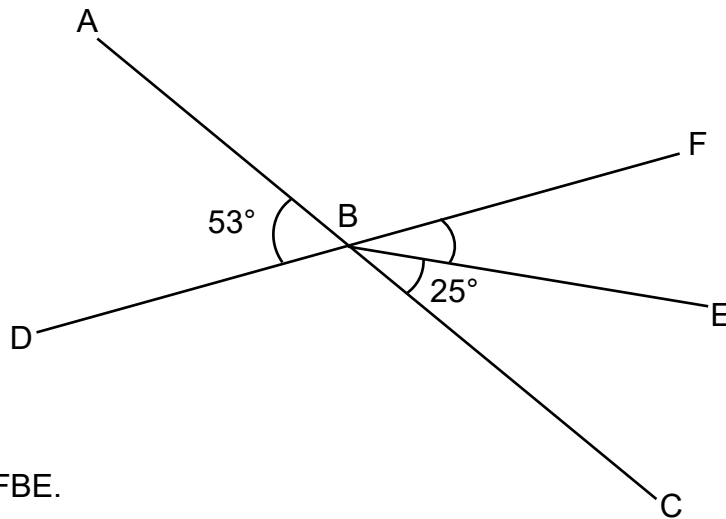   (   )

7) The figure is divided into 20 equal parts.

What percentage of the figure is unshaded?

(1) 80%

(2) 75%

(3) 25%

(4) 20%

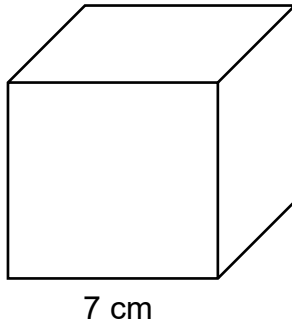(   )

8) In the figure, ABC and DBF are straight lines.

Find ∠ FBE.

(1) 29°
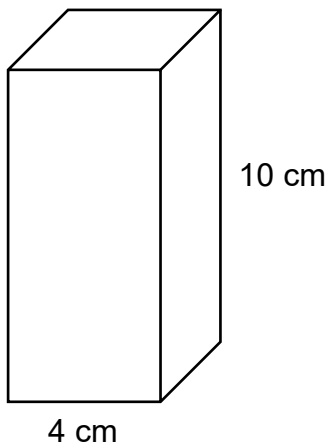
(2) 28°

(3) 27°

(4) 25°

(   )

Section B – Short Answer Questions

9) (a) What is the volume of the cube shown below?

7 cm

Ans:(a)_____cm³

(b) A cuboid of height 10 cm has a square base of side 4 cm.

What is its volume?

10 cm

4 cm

Ans: (b)_____ cm³

10) Gear A makes 78 rotations in 6 minutes.

Gear B makes 81 rotations in 9 minutes.

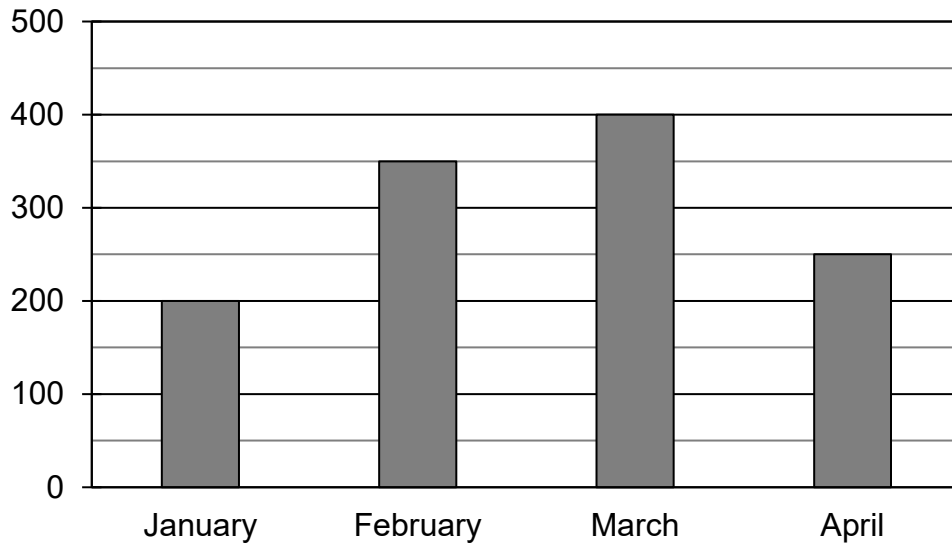(a) How many rotations will Gear A make in 1 minute?

Ans: (a) _____

(b) Which gear rotates at a slower rate?

Ans: (b) Gear_____

11) List all the common factors of 16 and 36.

Ans: _____

12) The bar graph below shows the number of fans sold from January to April.

Find the average number of fans sold from January to April.
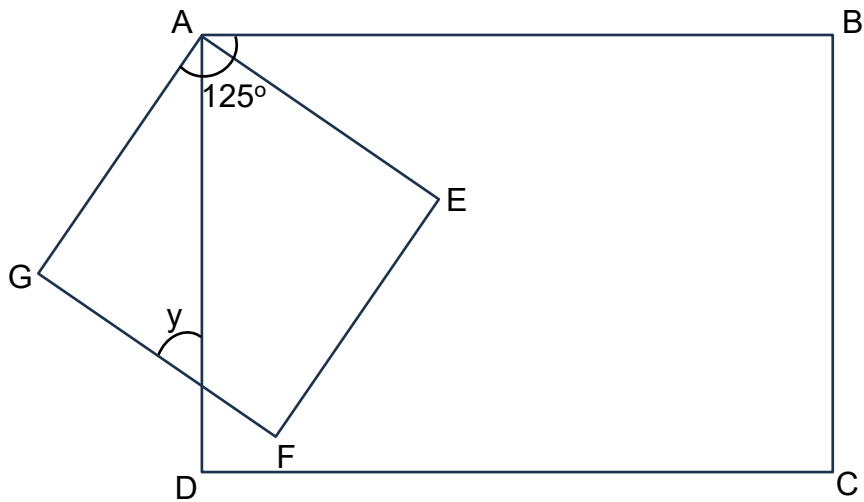
Ans: _____

13) Garreth drove from Singapore to Kuala Lumpur.
He left Singapore at 8.10 a.m. and thought that he would take 5 h 15 min to reach Kuala Lumpur. He arrived 45 min earlier in the end.
What time did he reach Kuala Lumpur?

Ans: _____

14) ABCD is a rectangle and AEFG is a square. ∠GAB is 125°.

Find ∠y.

Ans: _____ °

15) A bookshelf can hold a maximum of either 36 small books or 24 big books.

There are already 6 small books on the bookshelf.

At most, how many more big books can the bookshelf hold?

Ans: _____

Section C – Problem Sums

16) Mr Lim had a sum of money at first. He gave $\frac{2}{5}$ of it to his wife.
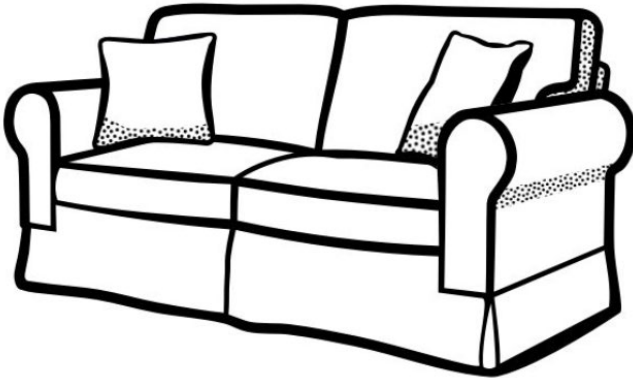
He gave $\frac{3}{4}$ of the remainder to his two children.

Each child received the same amount of money. Mr Lim saved the rest of his money. He saved $378. How much did Mr Lim give to each of his children?

Ans: _____ [3]

17)A sofa cost $1850.

Barry bought the sofa during a sale and a discount of 30% was given.

SALE

Original price: $1850

(a) What was the discounted price?

Ans: (a) _____ [1]

(b) Barry had to pay 9% GST on the discounted price.

How much did he pay for the sofa including GST?

Ans: (b) _____ [2]