Test:	(2020) Primary 6 Math (Term 2) - Red Swastika
Points:	25 points

Name: _____   **Score:** _____

Date: _____

Signature: _____

Select multiple choice answers with a cross or tick:

◯ Only select one answer

☐ Can select multiple answers

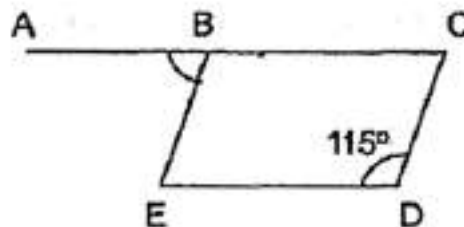## Question 1 of 25   Primary 6 Math (Term 2)   1 pt

Express 6y + 8 - 2y - 5 in the simplest form

◯ **A)** 4y + 3
◯ **B)** 4y - 13
◯ **C)** 8y + 3
◯ **D)** 8y - 13

Question 2 of 25   Primary 6 Math (Term 2)   1 pt

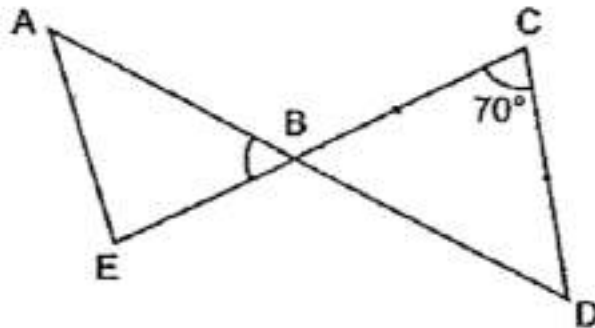In the figure below, BCDE is a parallelogram. ABC is a straight line. Find ∠ ABE.

◯ **A)** 25
◯ **B)** 65
◯ **C)** 75
◯ **D)** 115

Question 3 of 25   Primary 6 Math (Term 2)   1 pt

In the figure below, BCD is an isosceles triangle. ABD and EBC are straight lines. Find ∠ ABE.
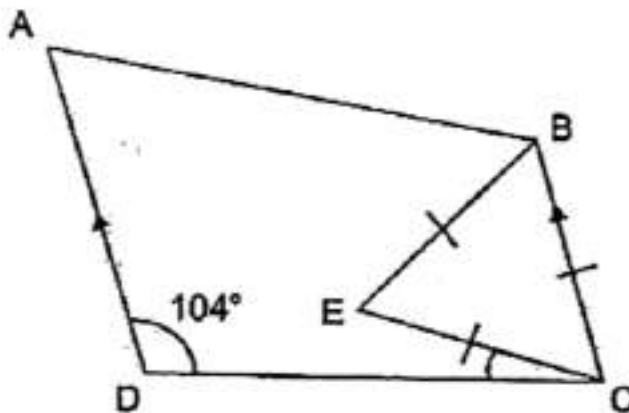

A) 35

B) 55

C) 70

D) 110

Question 4 of 25   Primary 6 Math (Term 2)   1 pt

In the figure below, ABCD is a trapezium with AD parallel to BC, BCE is an equilateral triangle and ∠ACD = 104°. Find ∠ DCE.

A) 16

B) 44

C) 60

D) 76

Question 5 of 25	Primary 6 Math (Term 2)	1 pt

Which of the following has the same value as $\frac{2}{9} \div \frac{3}{5}$?

A)

$$\frac{2}{9} \times \frac{3}{5}$$

B)

$$\frac{9}{2} \times \frac{3}{5}$$

C)

$$\frac{2}{9} \times \frac{5}{3}$$

D)

$$\frac{9}{2} \times \frac{5}{3}$$

Question 6 of 25	Primary 6 Math (Term 2)	1 pt

Mrs Ang has a box containing red and blue beads. The ratio of the number of red beads to the number of blue beads is 3:5. What fraction of the total number of beads is blue?

A)

$$\frac{3}{8}$$

B)

$$\frac{5}{8}$$

C)

$$\frac{8}{3}$$

D)

$$\frac{8}{5}$$

Question 7 of 25   Primary 6 Math (Term 2)   1 pt

The number of member in a dancing class in April was 40. The number of member increase to 50 in May. Find the percentage increase in the number of member from April to May.
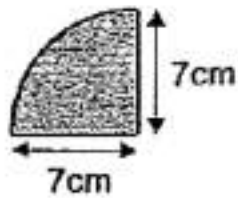
A) 10%

B) 20%

C) 25%

D) 80%

Question 8 of 25   Primary 6 Math (Term 2)   1 pt

The shaded figure is a quadrant of radius 7 cm. *What is the perimeter of the shaded figure?*
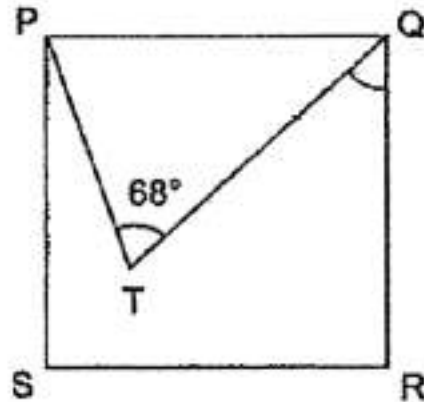
(Take $\pi = \frac{22}{7}$)

A) 11cm

B) 18cm

C) 25cm

D) 58cm

Question 9 of 25   Primary 6 Math (Term 2)   1 pt

In the figure below, PQRS is a square, PQ = QT and $\angle PTQ = 68°$.
Find $\angle TQR$.
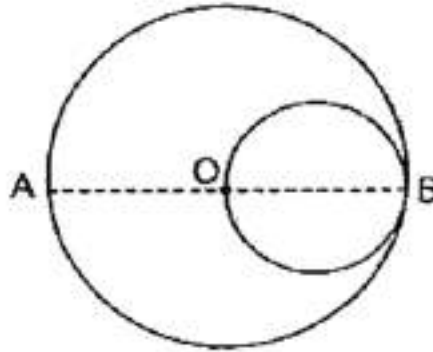

A) 22

B) 34

C) 44

D) 46

Question 10 of 25   Primary 6 Math (Term 2)   1 pt

The figure below is made up of a big circle and a small circle. O is the centre of the big circle. AB is the diameter of the big circle. OB is the diameter of the small cricle. The radius of the small circle 10cm. Find the area of the big circle in terms of π

A)   40πcm2

B)   100πcm2

C)   300πcm2

D)   400πcm2

Question 11 of 25   Primary 6 Math (Term 2)   1 pt
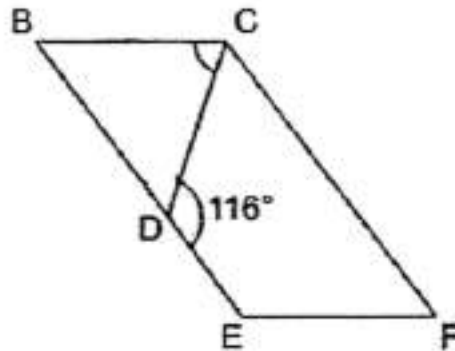
Dora used 4 cups of water and 1 cup of orange syrup to make a jug go orange drink. She used a total of 80 cups of water and orange syrup. How many jugs of orange drink did she make?

A)   14

B)   16

C)   20

D)   80

Question 12 of 25	Primary 6 Math (Term 2)	1 pt

BCD is an isosceles triangle and BCFE is a parallelogram. BDE is a straight line. ∠CDE = 116°. Find ∠BCD.

A) 52

B) 58

C) 62

D) 64

Question 13 of 25	Primary 6 Math (Term 2)	1 pt

What is the area of Triangle ABC as shown in the figure below?
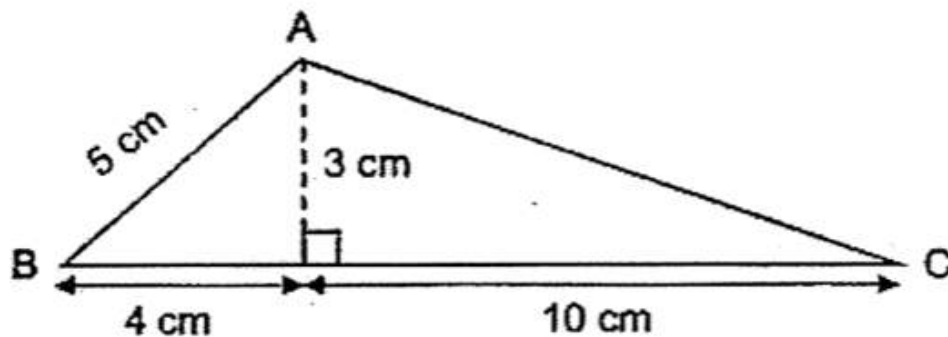
A) 21cm2

B) 35cm2

C) 42cm2

D) 70cm2

Question 14 of 25	Primary 6 Math (Term 2)	1 pt
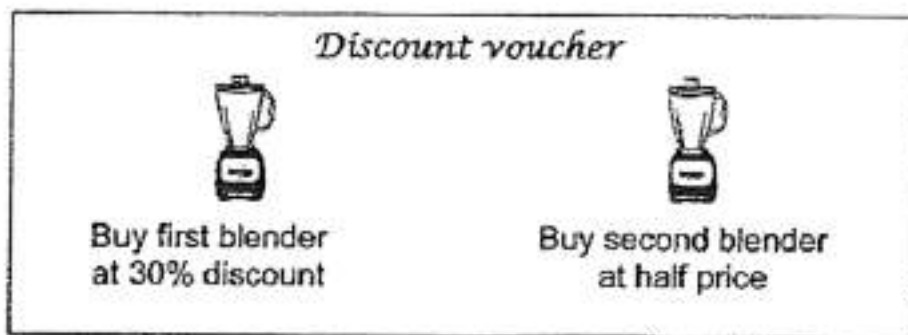
Mrs Lim paid $240 for two blenders by using the discount voucher as shown above. How much did she save on the two blenders?

○ **A)** $40

○ **B)** $60

○ **C)** $160

○ **D)** $192

Question 15 of 25	Primary 6 Math (Term 2)	1 pt

The figure shows two identical semicircles where O is the centre of the semicircles. The radius of the semicircles is 10cm. Find the perimeter of the shaded part. (Take $\pi = 3.14$)

○ **A)** 31.4cm

○ **B)** 35.7cm

○ **C)** 51.4cm

○ **D)** 82.8

Question 16 of 25 Primary 6 Math (Term 2) 1 pt

Find the value of 0.56x40

Question 17 of 25 Primary 6 Math (Term 2) 1 pt

Write one million, nine hundred and nine thousand and ninety in numeral.
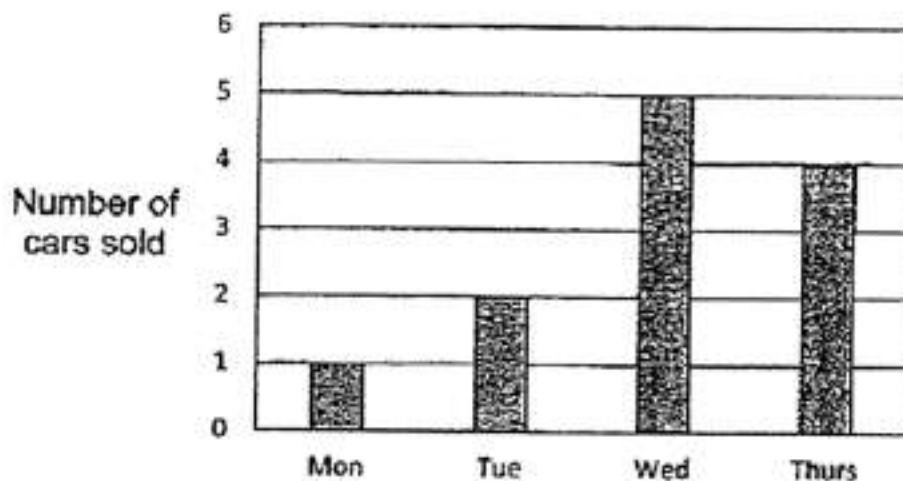
Question 18 of 25 Primary 6 Math (Term 2) 1 pt

List all the common factors of 18 and 24.

___,____,____,....

Question 19 of 25   Primary 6 Math (Term 2)   1 pt

The graph shows the number of cars sold in a shop over 4 days.

On which day was $\frac{1}{6}$ of the total number of cars sold over the 4 days?

○ **A)** Mon

○ **B)** Tue

○ **C)** Wed

○ **D)** Thurs

Question 20 of 25   Primary 6 Math (Term 2)   1 pt

Raymond spent $\frac{3}{5}$ of his savings to buy 12 key chains. He wanted to buy another 12 similar key chains but realised that he was short of $8. What was the price of one key chain?

Question 21 of 25

Primary 6 Math (Term 2)   1 pt

Mrs Lee divided 18 kg of cashew nuts equally into some bags. There was $\frac{3}{8}$ kg of cashew nuts in each bag. How many bags were there?
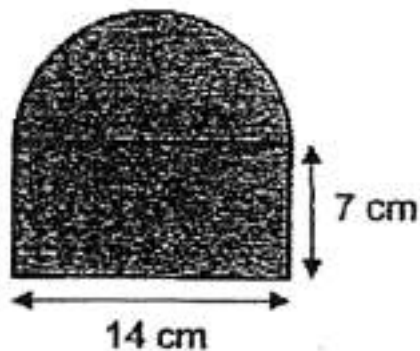
Question 22 of 25

Primary 6 Math (Term 2)   1 pt

In a room, 21 pupils do not wear glasses. This is 30% of the total number of pupils in the room. How many pupils are there in the room?

Question 23 of 25

Primary 6 Math (Term 2)   1 pt

The figure below is made up of a semicircle and a rectangle. Find the area of the figure. (Take $\pi = \frac{22}{7}$)

7 cm

14 cm

Question 24 of 25

The price of a belt is $b. The price of a wallet is $10 more than the price of a belt. James bought 3 belts and 2 wallets. How much did he spend altogether? Give your answer in terms of b.

Question 25 of 25

The mass of Leon is $\frac{1}{3}$ of the mass of Max. The mass of Nick is $\frac{1}{2}$ of the total mass of the Leon and Max. What is the ratio of the mass of Leon to the mass of Max to the mass of Nick?