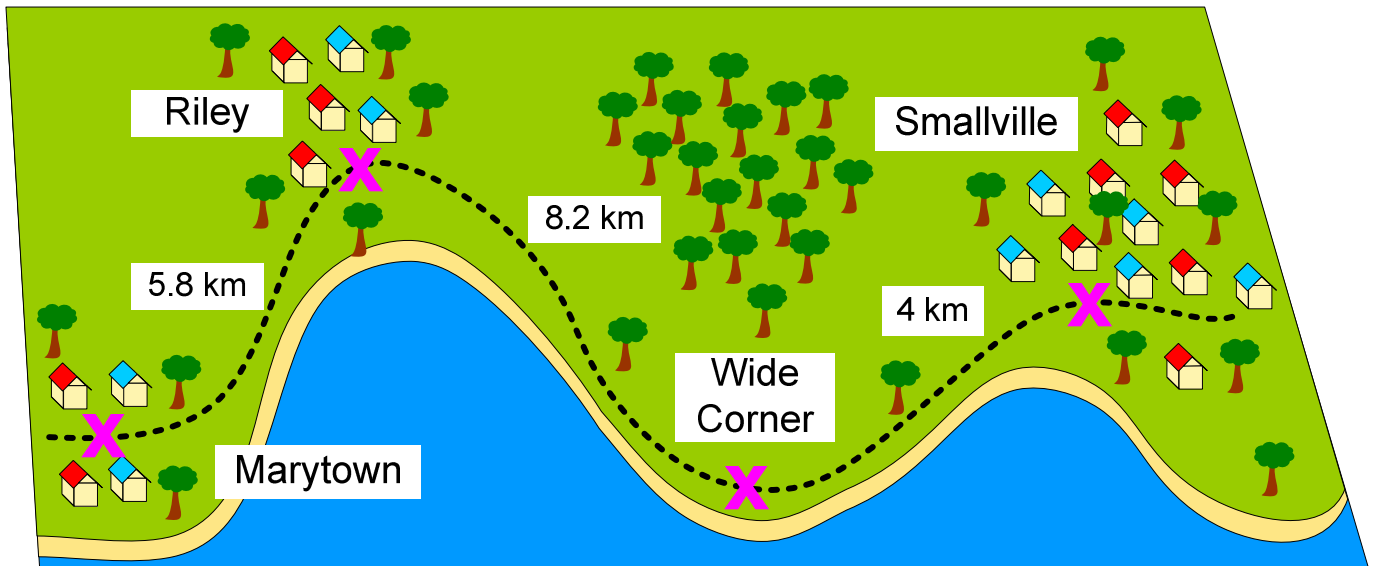


1	<p>Add</p> $\begin{array}{r} 3462 \\ + 1593 \\ \hline \end{array}$ <p>(A) 4955 (B) 5055 (C) 5415 (D) 8115</p>
2	<p>Subtract</p> $\begin{array}{r} 784 \\ - 297 \\ \hline \end{array}$ <p>(A) 487 (B) 507 (C) 513 (D) 587</p>
3	<p>Multiply 29 by 6.</p> <p>(A) 156 (B) 164 (C) 165 (D) 174</p>
4	<p>Divide 763 by 7.</p> <p>(A) 19 (B) 91 (C) 109 (D) 901</p>
5	<p>What is the square of 7?</p> <p>(A) 14 (B) 28 (C) 49 (D) 72</p>
6	<p>Find 50% of 200.</p> <p>(A) 10 (B) 40 (C) 100 (D) 150</p>
7	<p>Which number will make this number sentence true?</p> $\frac{28}{49} = \frac{?}{7}$ <p>(A) 7 (B) 4 (C) 3 (D) 2</p>
8	<p>Which one of the following sets contains only prime numbers?</p> <p>(A) {1, 2, 3, 4} (B) {2, 3, 4, 7} (C) {1, 2, 5, 7} (D) {2, 3, 5, 7}</p>

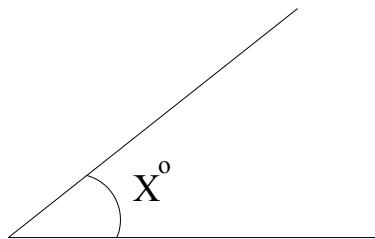
- 9 Which numeral is in the **tens** place in the number 162.45?
- (A) 6 (B) 2 (C) 4 (D) 5
- 10 Which of the following gives the best estimate of $357 - 149$?
- (A) $360 - 140$ (B) $360 - 150$ (C) $350 - 140$ (D) $350 - 150$
- 11 Which of the following shows the number 3467 written in expanded form?
- (A) $3 + 4 + 6 + 7$ (B) $3000 + 400 + 60 + 7$
(C) $3000 + 400 + 600 + 7$ (D) $30000 + 4000 + 600 + 7$
- 12 Which of the following is true?
- (A) $10 = 1000 \times 0.01$ (B) $10 = 100 \times 0.01$
(C) $10 = 10 \times 0.01$ (D) $10 = 1 \times 0.01$
- 13 Write the fraction $\frac{1}{5}$ as a decimal.
- (A) 0.1 (B) 0.2 (C) 0.5 (D) 1.5
- 14 What is the **product** of 30 and 15?
- (A) 2 (B) 15 (C) 45 (D) 450
- 15 Put these decimal numbers in numerical order from **smallest to largest**.
- 4.01 14.01 0.41 1.40 4.10
- (A) 0.41, 1.40, 4.01, 4.10, 14.01 (B) 4.01, 4.10, 0.41, 14.01, 1.40
(C) 4.10, 4.01, 14.01, 1.40, 0.41 (D) 0.41, 4.01, 4.10, 1.40, 14.01
- 16 42867 rounded off to the nearest hundred is
- (A) 40000 (B) 42870 (C) 42900 (D) 43000

17 Look at the map below. How far is it along the road from Marytown to Smallville?



- (A) 14.4km (B) 17km (C) 17.1 km (D) 18km

18 What type of angle is the one marked X° ?



- (A) acute (B) obtuse (C) reflex (D) right

19 $\frac{3}{4} - \frac{2}{5} =$

- (A) $\frac{3}{20} - \frac{2}{20}$ (B) $\frac{8}{20} - \frac{6}{20}$ (C) $\frac{15}{20} - \frac{6}{20}$ (D) $\frac{15}{20} - \frac{8}{20}$

20 Plastic cups are sold in packs of 8. John needs 28 cups. How many packs must he buy?

- (A) 3 (B) 4 (C) 8 (D) 20

21 Subtract four hundred and sixty-one from four thousand.

- (A) 3538 (B) 3539 (C) 3639 (D) 4461

22 How many grams are there in one kilogram?

- (A) 10 (B) 100 (C) 1000 (D) 10000

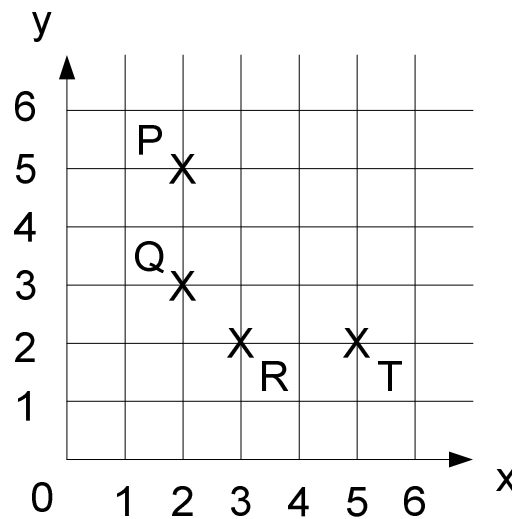
23 At the end of a movie, you will see the year of its production written in Roman numerals. What would be written for the year 2012?

- (A) MMXII (B) XIIMM (C) MIXIM (D) MMIX

24 One number is missing from this set of numbers: 7 y 7 6 4 8
If the mean average of the numbers is 6, what is the missing number?

- (A) 4 (B) 5 (C) 6 (D) 32

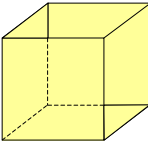
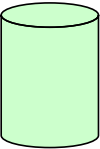
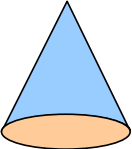
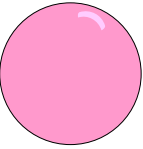
25 Which of the points on the diagram below has the coordinates (2, 3)?



- (A) P (B) Q (C) R (D) T

26

Which of the shapes below is NOT correctly matched to its name?

	SHAPE	NAME
(A)		cube
(B)		cylinder
(C)		cone
(D)		cuboid

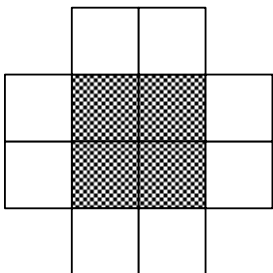
27

Which of these times shows half an hour before midnight?

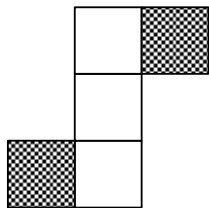
- (A) 11.30 am (B) 12.30 am (C) 11.30 pm (D) 12.30 pm

28

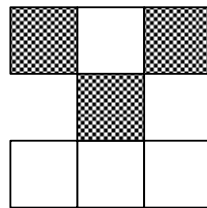
In which of the following shapes is exactly one-third shaded?



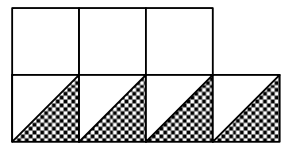
(A)



(B)

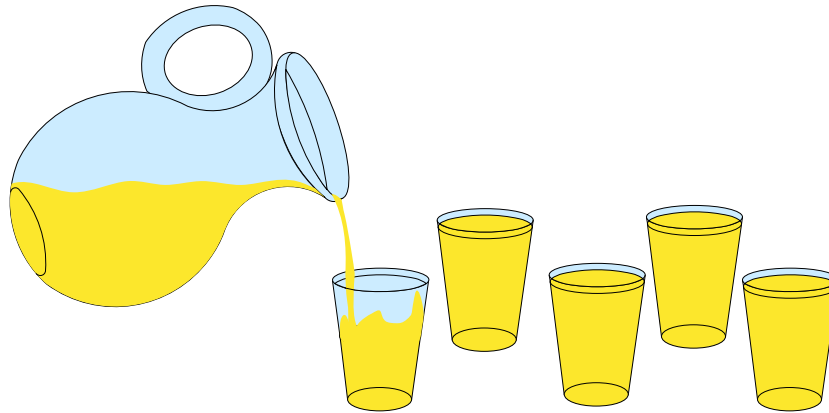


(C)



(D)

- 29** A pitcher holds one litre of orange juice. Sally fills five (5) glasses. She puts 150 ml in each glass. How many millilitres of orange juice are left in the pitcher?



- (A) 150 (B) 250 (C) 400 (D) 850

- 30** Share 180 marbles among Andy, Ben and Colin in the ratio 6 : 2 : 1 respectively. What is Ben's share?

- (A) 10 (B) 20 (C) 30 (D) 40

- 31** On a Maths test of 60 questions, June got 45 correct. What percentage did she get correct?

- (A) 15% (B) 45% (C) 60% (D) 75%

- 32** What will be the length of the diameter of a circle if the radius of the circle is 8cm?

- (A) 16cm (B) 8cm (C) 6.4cm (D) 1.6cm

- 33** Tickets for a concert cost \$1.50 each for adults and half-price for children. How much should a family of 3 adults and 2 children pay?

- (A) \$11.25 (B) \$7.50 (C) \$6.75 (D) \$6.00

34 $7 \div 1 + 2 \times 4 =$

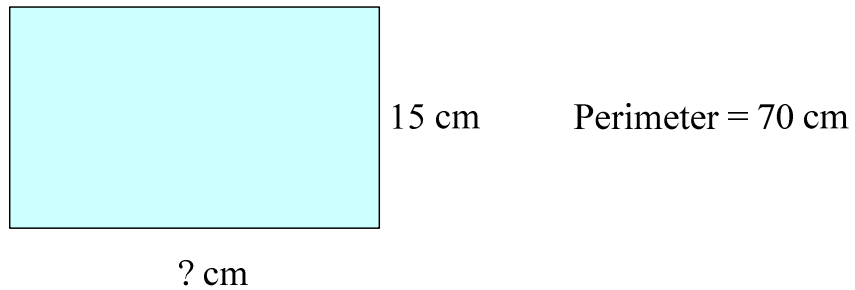
- (A) 9 (B) 12 (C) 15 (D) 36

35 How much will Kobe pay for the basketball in the sale?



- (A) \$24 (B) \$96 (C) \$100 (D) \$144

36 The perimeter of the rectangle below is 70cm. Its width is 15cm. What is its length?



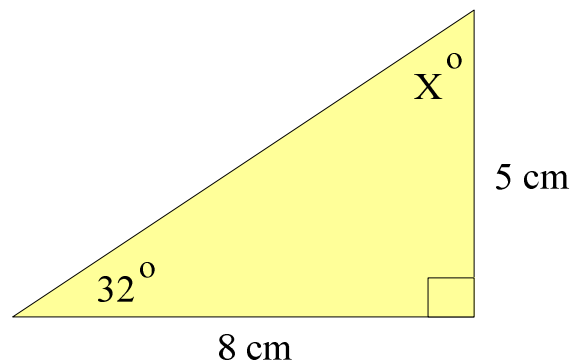
- (A) 15cm (B) 20cm (C) 55cm (D) 70cm

37 Which one of the letters below has **NO** line of symmetry?

D M T Z

- (A) D (B) M (C) T (D) Z

Use this diagram to answer **38** and **39**



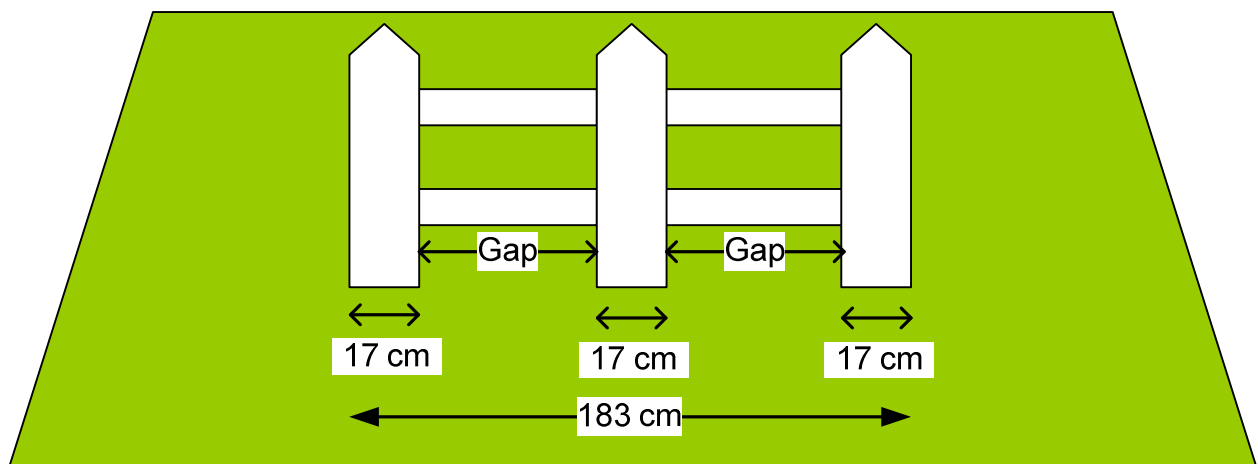
38 What is the value of the angle marked x° ?

- (A) 32° (B) 58° (C) 90° (D) 122°

39 What is the area of the triangle, in cm^2 ?

- (A) 5 (B) 13 (C) 20 (D) 40

40 This fence has three posts, equally spaced. Each post is 17cm wide. The length of the fence is 183cm. What is the length of **one** gap between two posts?



- (A) 34cm (B) 51cm (C) 66cm (D) 132cm

45

2000 people visited Beach Bay in one year.
40% of these people visited in April.
15% of the people visited in August.

How many people visited Beach Bay in the rest of the year?

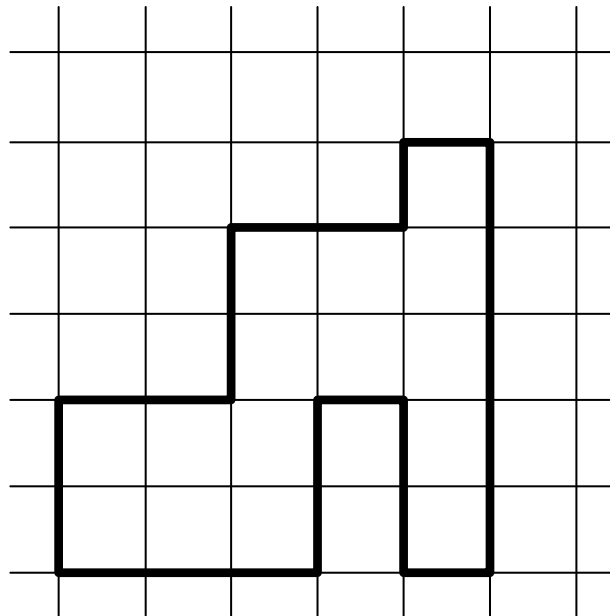
- (A) 300 (B) 800 (C) 900 (D) 1100

46

A car travels for 2 hours at 40km/h then it speeds up and travels for 2 hours at 50km/h. How far does the car travel altogether?

- (A) 45 km (B) 90 km (C) 135 km (D) 180 km

47



If each small square in the diagram has a side of length 1cm, what is the perimeter, in centimetres, of the shape?

- (A) 15 (B) 17 (C) 24 (D) 28

48

Annie's grandmother in New York sent her US\$200 for her birthday. If the exchange rate is US\$1.00 = EC\$2.70, how many EC dollars does Annie get when she changes her US\$200 at the bank?

- (A) \$54 (B) \$540 (C) \$5400 (D) \$54000

49 Tim had 48 marbles. He gave Sheka one-quarter of them and Joe took one-third. How many marbles did Tim have left?

- (A) 12 (B) 16 (C) 20 (D) 28

50 How many blocks are needed to make the fourth figure in the following pattern?



Figure 1

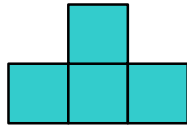


Figure 2

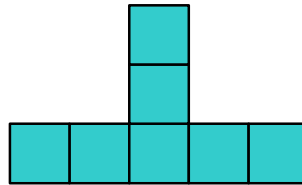


Figure 3

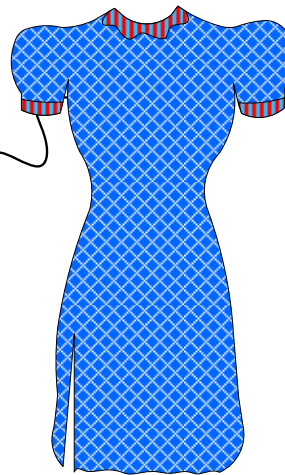
?

Figure 4

- (A) 8 (B) 9 (C) 10 (D) 12

51 What is the percentage discount on the dress shown below?

Was \$80
Now \$60



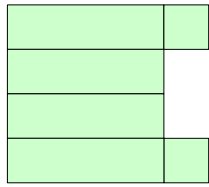
- (A) 20% (B) 25% (C) $33\frac{1}{3}\%$ (D) 50%

52 Mary thought of a number. She divided the number by 8 then added 7. Her answer was 10. Which of the following numbers did she think of?

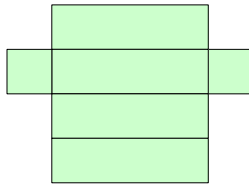
- (A) 24 (B) 32 (C) 40 (D) 64

53

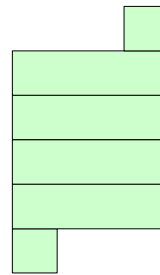
Which of the following nets can be folded and made into a cuboid?



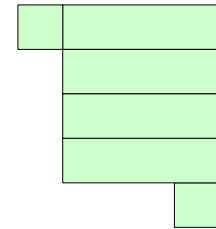
(A)



(B)



(C)

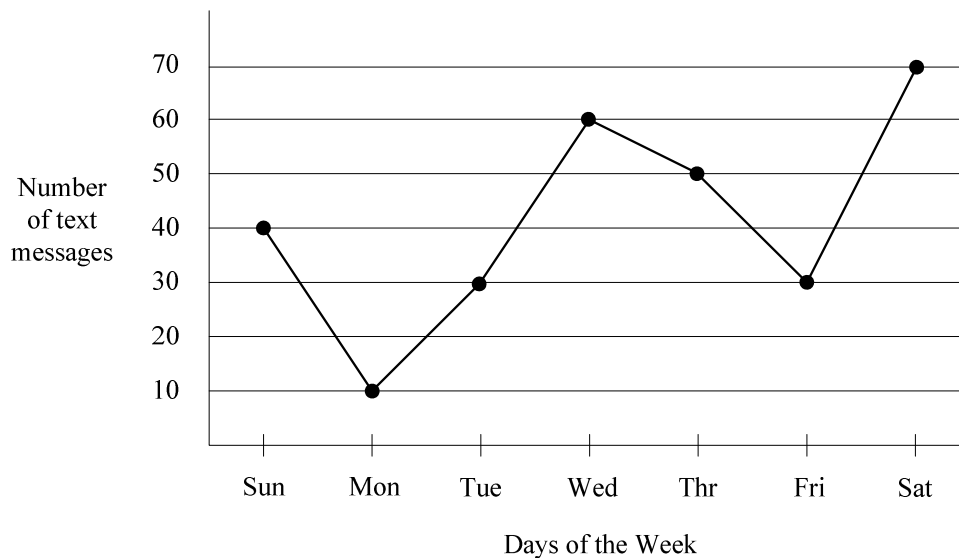


(D)

Use the line graph to answer questions

54

to

56**54**

On which day did Kiara receive the fewest text messages?

(A) Monday

(B) Wednesday

(C) Friday

(D) Sunday

55

On which two days did Kiara receive the same number of text messages?

(A) Sunday and Friday

(B) Monday and Saturday

(C) Wednesday and Thursday

(D) Tuesday and Friday

56

Between which two consecutive days was the biggest decrease in the number of text messages received?

(A) Sunday and Monday

(B) Wednesday and Thursday

(C) Thursday and Friday

(D) Friday and Saturday

Use the chart below to answer questions **57** , **58** and **59**

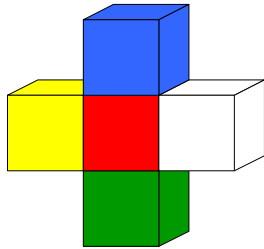
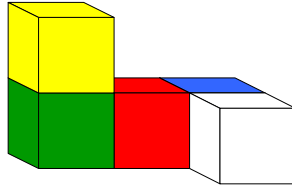
BUSINESS HOURS	
MON	10 am – 4:30 pm
TUE	10 am – 4:30 pm
WED	10 am – 4:30 pm
THU	10:30 am – 2:30 pm
FRI	10:30 am – 2:30 pm
SAT	10 am – 5 pm
SUN	Closed

57 For how many hours does the shop do business on Thursday?
(A) 3 (B) 4 (C) 8 (D) 12

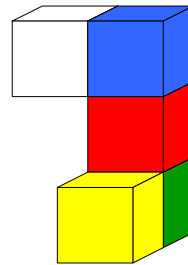
58 On which day does the shop do business for the longest period?
(A) Monday (B) Thursday (C) Saturday (D) Sunday

59 Joan arrives at the shop on Wednesday at 9:25am. For how many minutes does she have to wait before the shop opens?
(A) 25 (B) 35 (C) 75 (D) 105

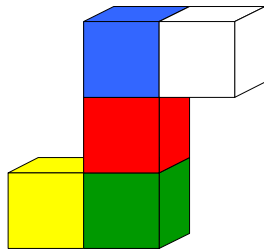
Troy builds a shape out of blocks. Which of the following shows the same shape?



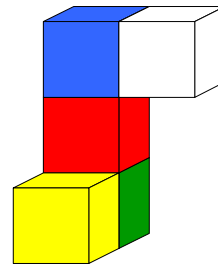
(A)



(B)



(C)



(D)