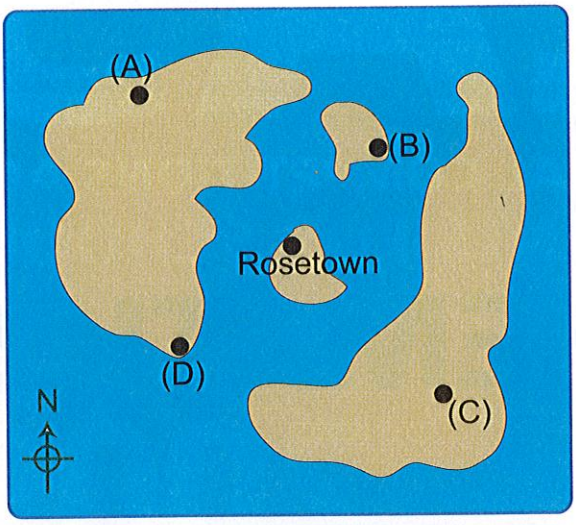
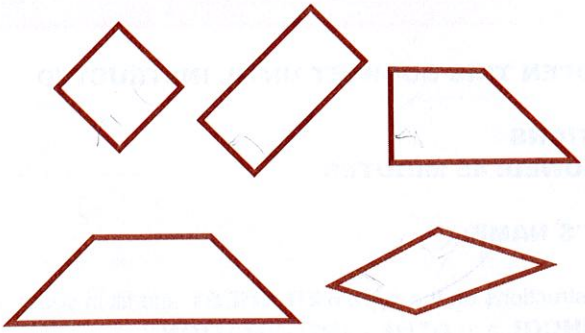
1. $79 + 52 + 88 =$?

(A) 209
(B) 219
(C) 2019
(D) 2119

2. Which location on the map is south-west of Rosetown?



3. How many of these shapes have at least one right angle?



(A) 2
(B) 3
(C) 4
(D) 5

4. This page was cut from a calendar.

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

What month could this page show?

(A) January
(B) February
(C) March
(D) April

5. Jemma can walk 80 metres in 1 minute.

How far can she walk in 5 minutes?

(A) 16 metres
(B) 85 metres
(C) 320 metres
(D) 400 metres

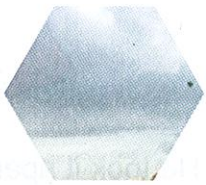
6. A piece has been cut from this picture.

Which piece will complete the picture?

(A)

(B)

(C)

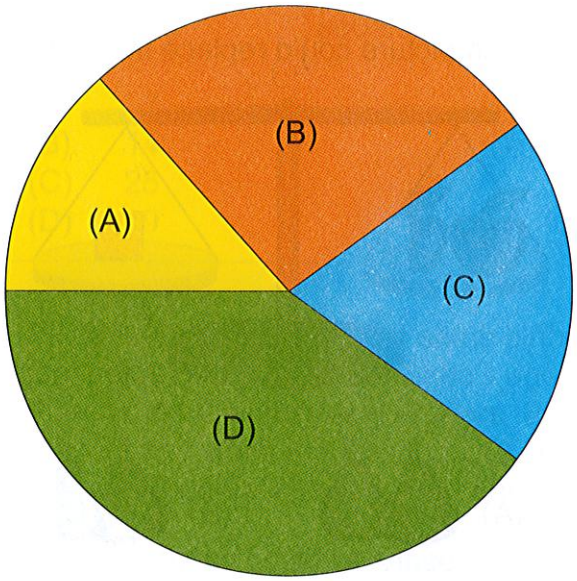


(D)

7. The table shows the different ways students travel to school.

Ferry	Bus	Train	Car
6	12	4	8

Which section of the pie graph represents the number of students who catch the train?



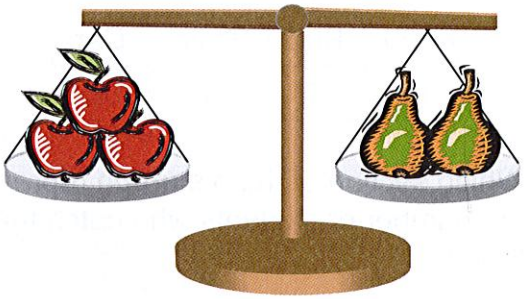
8. This spider has 9 egg sacks.

There are 98 eggs in each egg sack.

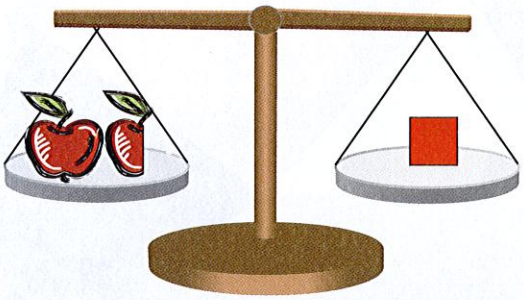
How many eggs are there altogether?

(A) 107
(B) 153
(C) 812
(D) 882

9. Jeremy put some apples and pears on a set of scales.



Which picture could replace the square?



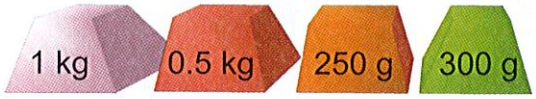
(A) 

(B) 

(C) 

(D) 

10. Which of these blocks has the least mass?



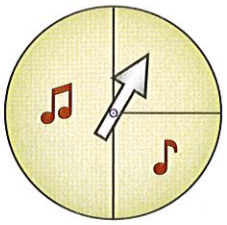
(A) (B) (C) (D)

11. 2, 9, ?, 23, 30, ?, 44, 51, 58

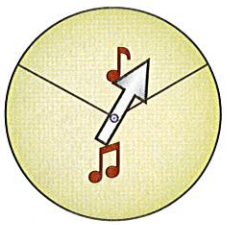
Which two numbers are missing from the number pattern?

(A) 16 and 36
(B) 16 and 37
(C) 17 and 36
(D) 17 and 37

12. Which spinner has the least chance of landing on ♫ ?

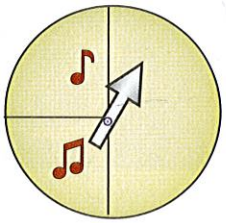


(A)



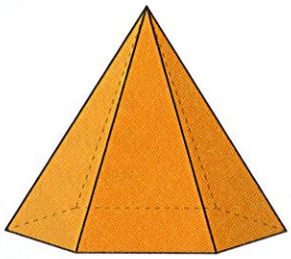
(B)

(C)



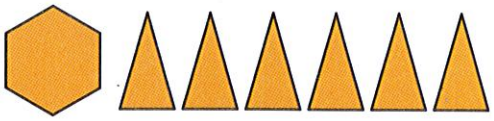
(D)

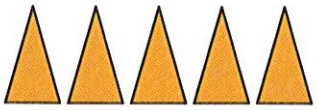
13. Sunil had this hollow shape.

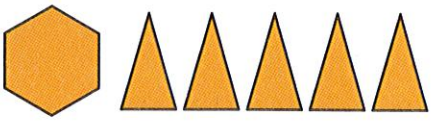


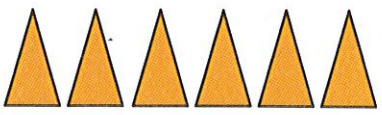
He took it apart and lost two pieces.

Which pieces were left?

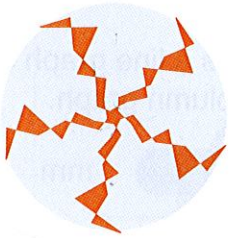
(A) 

(B) 

(C) 

(D) 

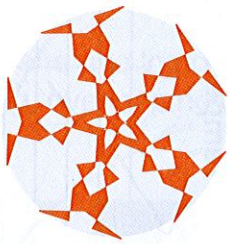
14. Which of these patterns has exactly five lines of symmetry?



(A)

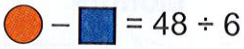
(B)

(C)



(D)

15. Which pair of symbols makes the number sentence correct?

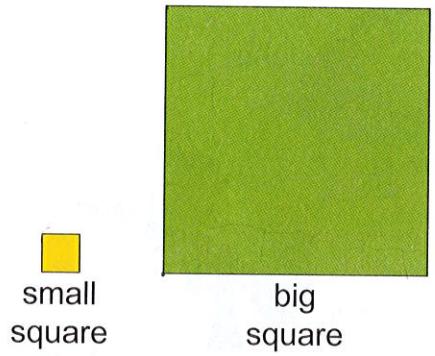


(A) ● = 5, ■ = 3
(B) ● = 8, ■ = 4
(C) ● = 17, ■ = 9
(D) ● = 50, ■ = 2

16. How many minutes are there in five and a half hours?

(A) 55
(B) 300
(C) 330
(D) 550

17. How many of the small squares are needed to cover the big square?



small square

big square

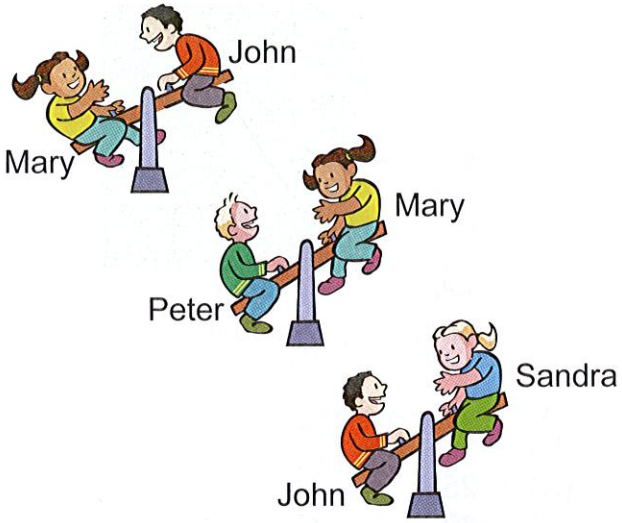
(A) 7
(B) 14
(C) 25
(D) 49

18. Vincent and Sofia have the same birthday. On their birthday this year Sofia's age is three times Vincent's age in years. Both Vincent and Sofia are less than 10 years old and Sophia's age is an odd number.

Which of these could be Vincent's age?

(A) 2 years
(B) 3 years
(C) 5 years
(D) 7 years

19. Four children used a see-saw to compare how heavy they were.



What is the order of the children from heaviest to lightest?

(A) Peter, Mary, John, Sandra
(B) Peter, John, Mary, Sandra
(C) Mary, Peter, John, Sandra
(D) Mary, John, Peter, Sandra

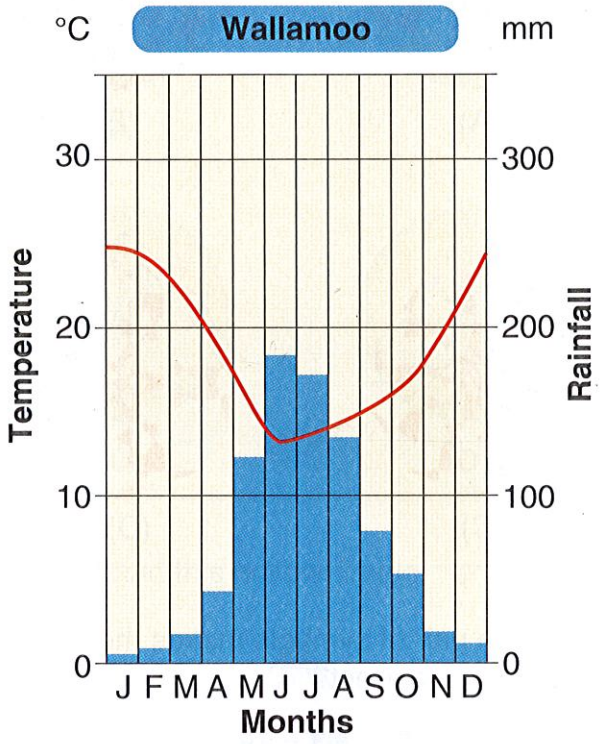
20. In a theatre, Indra is sitting in the 9th row from the front. This row is also the 15th row from the back.

How many rows of seats are there in this theatre?

(A) 6
(B) 23
(C) 24
(D) 25

21. This graph shows how the rainfall and temperature vary throughout the year in Wallamoo.

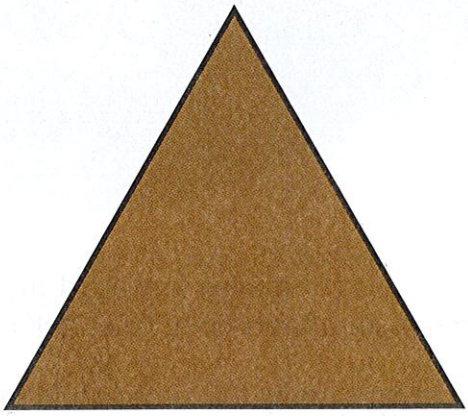
Temperature is shown as a line graph and rainfall is shown as a column graph.



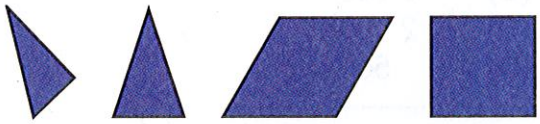
Which statement is true about the weather in Wallamoo?

(A) As the temperature decreases, the rainfall increases.
(B) As the temperature increases, the rainfall increases.
(C) This graph shows no relationship between rainfall and temperature.
(D) The rainfall is mostly lower than the temperature.

22. Mabel wants to tile this space in her garden.

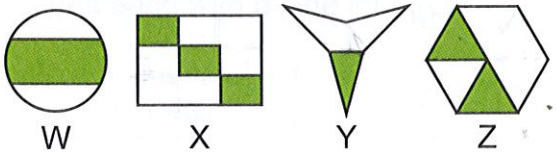


Which of these tiles can she use to cover this space with no cutting, overlapping or gaps?



(A) (B) (C) (D)

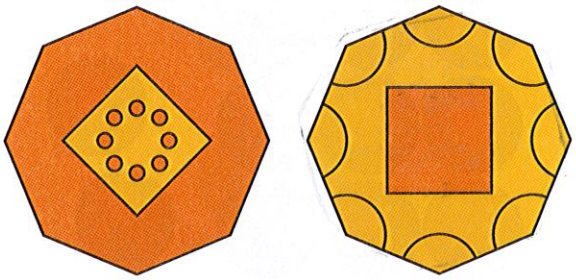
23. Which two pictures are one-third shaded?



W X Y Z

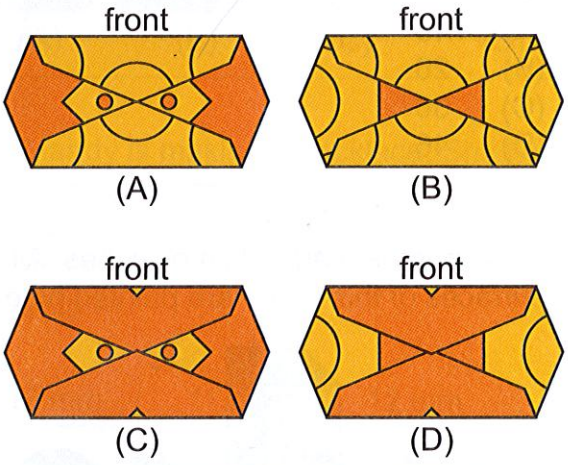
(A) W and Y
(B) W and Z
(C) X and Y
(D) X and Z

24. Ali has a card with different designs on its front and back.



Ali folds the top corner into the centre of the front and does the same with the bottom corner.

What does the front of the card look like after Ali folds it?



25. Ivan has 6 pieces of string. Each piece of string is 25 cm. He ties the strings together to make one string that is 90 cm long. He uses the same amount of string for each knot.

How much string does he use in one knot?

(A) 10 cm
(B) 12 cm
(C) 15 cm
(D) 18 cm

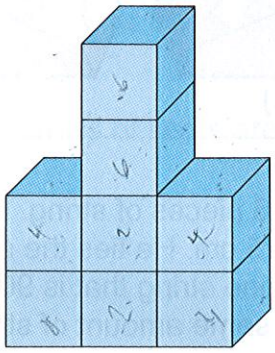
26. Lin has 11 buttons. She arranges them to make a square and has 2 buttons left over.

Ahmed has more buttons than Lin. He arranges his buttons to make the biggest square he can. He has 10 buttons left over.

What is the smallest number of buttons Ahmed could have?

(A) 16
(B) 26
(C) 36
(D) 46

27. This figure is made of small cubes. All surfaces of this figure are painted blue.



How many faces on the small cubes have been painted blue?

(A) 30
(B) 32
(C) 38
(D) 40

28.

When this car moves forward 1 metre, each of its wheels completes half a turn.

About how many full turns would each wheel complete if the car travelled 10 kilometres?

(A) 20 000
(B) 5 000
(C) 2 000
(D) 500

29. How many numbers between 1 and 99 contain the digit 3 at least once?

(A) 10
(B) 18
(C) 19
(D) 20

30. A baby crawled 4 metres in 10 seconds.

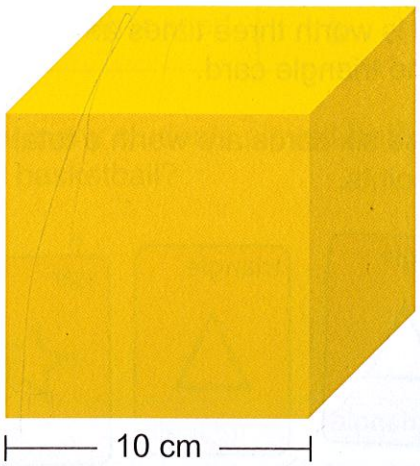
At what speed did the baby crawl?

(A) 4 centimetres per second
(B) 25 centimetres per second
(C) 40 centimetres per second
(D) 100 centimetres per second

31. What is the difference between 33.3 and 3.33?

(A) 29.97
(B) 30.97
(C) 30.00
(D) 30.03

32. Holly has this block of cheese in the shape of a cube.

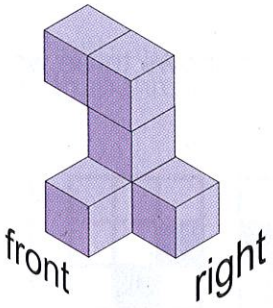


She wants to cut the cheese into smaller cubes each with a side length of 1 cm.

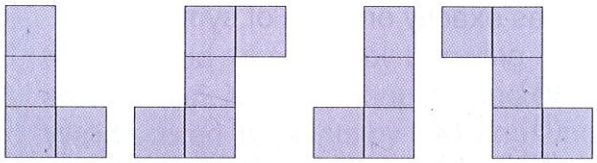
What is the smallest number of cuts she needs to make?

(A) 18
(B) 20
(C) 27
(D) 30

33. Mavis made this object by sticking six cubes together.

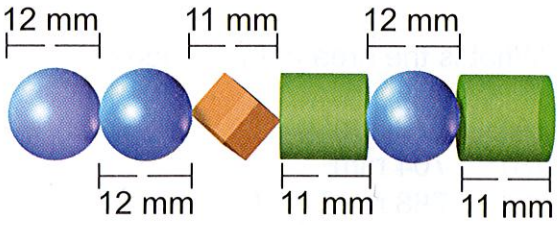


Which picture shows the view of the object from the left?



(A) (B) (C) (D)

34. Mandy is making a necklace. She has three types of beads: blue spheres, orange cubes and green cylinders. She makes her necklace by repeating this pattern.

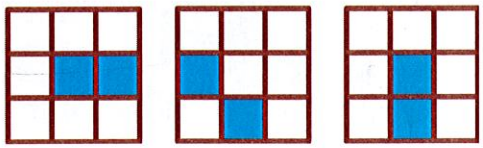


How many blue spheres will she need to make a necklace 345 mm long?

(A) 5
(B) 10
(C) 15
(D) 20

35. Sam has a grid of 9 squares. He wants to shade two squares on his grid so that it has exactly one line of symmetry.

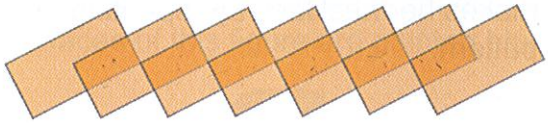
The picture shows three ways he can do this.



In total, how many different ways can Sam shade two squares on his grid so that it has exactly one line of symmetry?

(A) 8
(B) 12
(C) 16
(D) 20

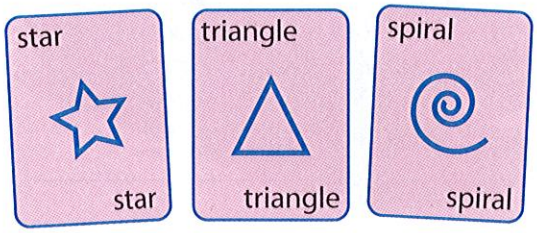
36. This shape was made from 7 rectangles each with an area of 128 mm^2.



What is the area of the shape?

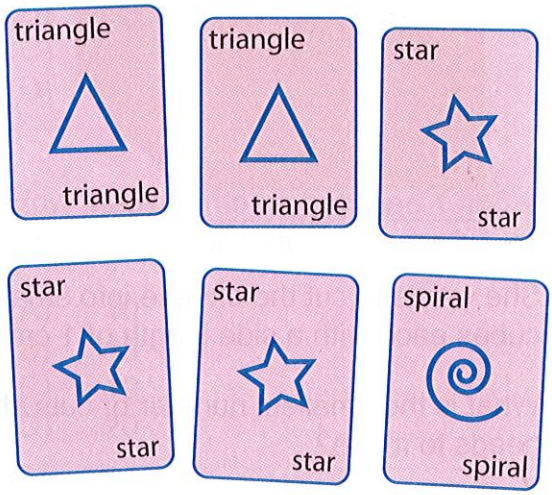
(A) 672 mm^2
(B) 704 mm^2
(C) 768 mm^2
(D) 896 mm^2

37. Josh is playing a game that has three types of cards.



The triangle card is worth three times as many points as the star card. The spiral card is worth three times as many points as the triangle card.

These six cards are worth a total of 90 points.



How many points is one spiral card worth?

(A) 5
(B) 15
(C) 30
(D) 45

38. Students may play football, basketball or both sports at lunch time.

The table shows the activities of 24 students at lunch time last Thursday.

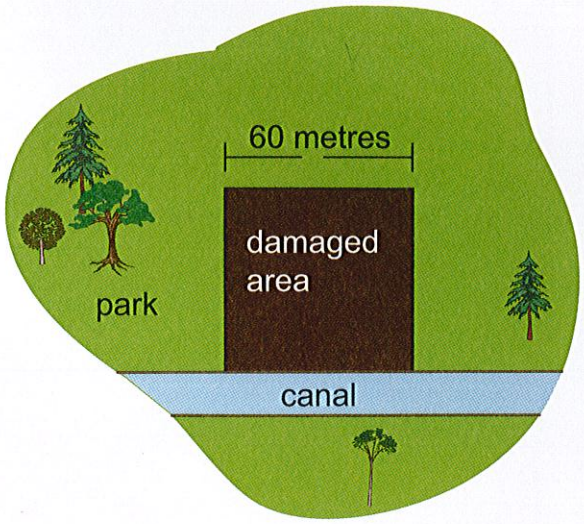
Activities	
football	13
basketball	12
neither sport	3

How many students played **both** football and basketball?

(A) 1
(B) 4
(C) 11
(D) 25

39. A section of the park near the canal was damaged in a storm.

For safety, a square area was fenced on three sides. Fence posts were used every 2 metres.

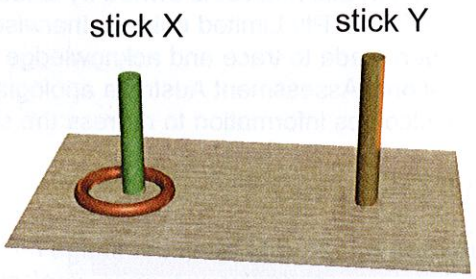


How many fence posts were used?

(A) 89
(B) 90
(C) 91
(D) 94

40. Nina and Walid played a game. To score points they had to throw hoops around the sticks.

Throwing a hoop around stick Y scores more points than throwing a hoop around stick X.



Nina scored 14 points by throwing 3 hoops around stick X and 1 hoop around stick Y. Walid scored 16 points by throwing 2 hoops around each stick.

How many points are scored for throwing a hoop around stick Y?

(A) 3
(B) 4
(C) 5
(D) 6