

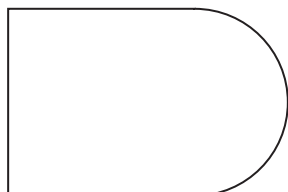
Trial Test

SECTION A

Questions 1 to 20 carry 2 marks each. Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets provided.

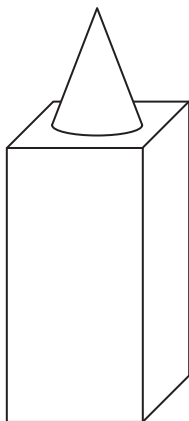
(20 × 2 marks)

1. The figure is made up of a _____ and a _____.



- (1) square, circle (3) rectangle, circle
(2) square, semicircle (4) rectangle, semicircle ()

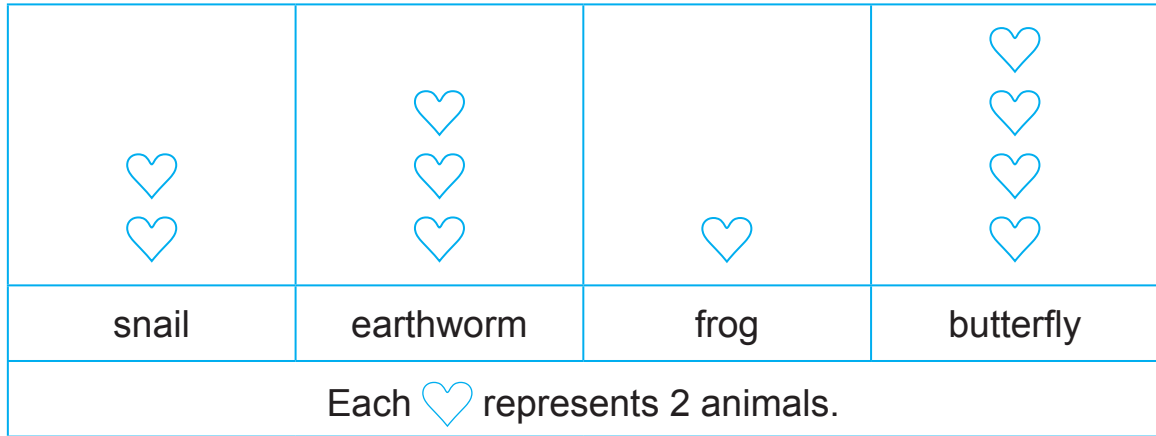
2. The figure is made up of a _____ and a _____.



- (1) cone, cube (3) cone, cuboid
(2) cylinder, cube (4) cylinder, cuboid ()

Study the picture graph carefully and use it to answer questions 3 and 4.

The picture graph below shows the animals found in a garden.



3. There are _____ more butterflies than frogs.

(1) 2

(3) 4

(2) 3

(4) 6

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4. There are _____ animals in the garden altogether.

(1) 9

(3) 18

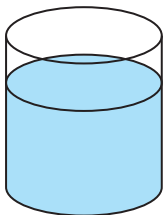
(2) 10

(4) 20

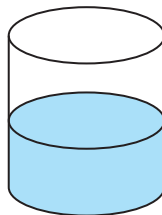
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5. Which container has the most amount of water?

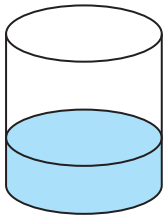
(1)



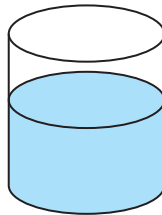
(3)



(2)

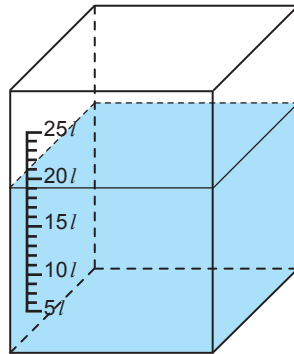


(4)



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6. What is the volume of water in the container?



(1) 18 l

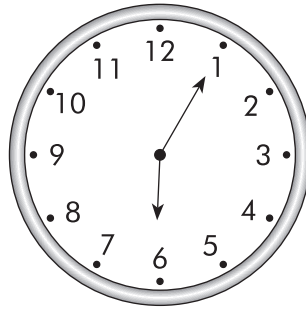
(3) 20 l

(2) 19 l

(4) 21 l

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7. The time shown on the clock is _____ pm.



(1) 6.01

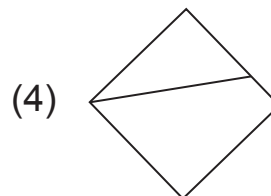
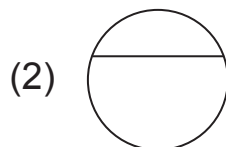
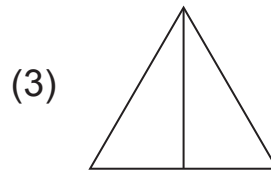
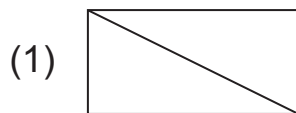
(3) 6.10

(2) 6.05

(4) 6.50

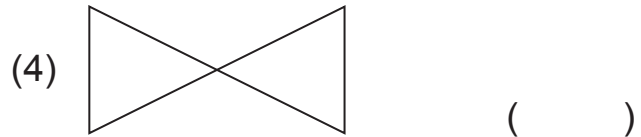
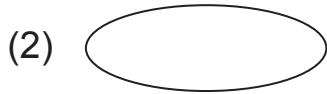
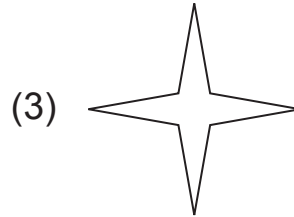
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8. Which of the following figures is divided into half?



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9. Which of the following figures has 4 curves and 4 straight lines?



10. John watched cartoons from 8.00 pm to 9.00 pm. How long did John watch the cartoons for?

- (1) 12 min (3) 100 min
(2) 60 min (4) 120 min ()

11. _____ + $\frac{3}{4} = 1$

- (1) $\frac{1}{8}$ (3) $\frac{1}{3}$
(2) $\frac{1}{4}$ (4) $\frac{1}{2}$ ()

12. The capacity of a jar is 10 litres. How many 2-litre bottles are needed to fill the jar completely?

- (1) 5 bottles (3) 12 bottles
(2) 8 bottles (4) 20 bottles ()

13. Which of the following sets of fractions are arranged in the correct order, from the greatest to the smallest?

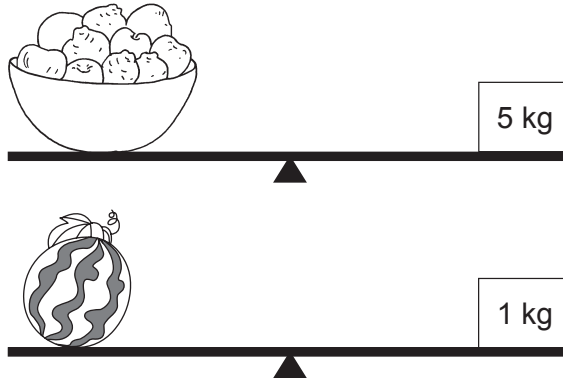
(1) $\frac{1}{12}, \frac{8}{12}, \frac{5}{12}, \frac{11}{12}$

(3) $1, \frac{1}{4}, \frac{2}{4}, \frac{3}{4}$

(2) $\frac{7}{8}, \frac{5}{8}, \frac{3}{8}, \frac{2}{8}$

(4) $\frac{1}{7}, \frac{2}{7}, \frac{4}{7}, \frac{5}{7}$ ()

14.



How many watermelons will have the same mass as the bowl of fruit?

(1) 2

(3) 4

(2) 3

(4) 5 ()

15. The length of a key is 12 cm. The length of a watch is 8 cm longer than the key. What is the total length of the key and the watch?

(1) 4 cm

(3) 32 cm

(2) 20 cm

(4) 40 cm ()

16. $81 = \text{_____} \times 10 - 9$

(1) 8

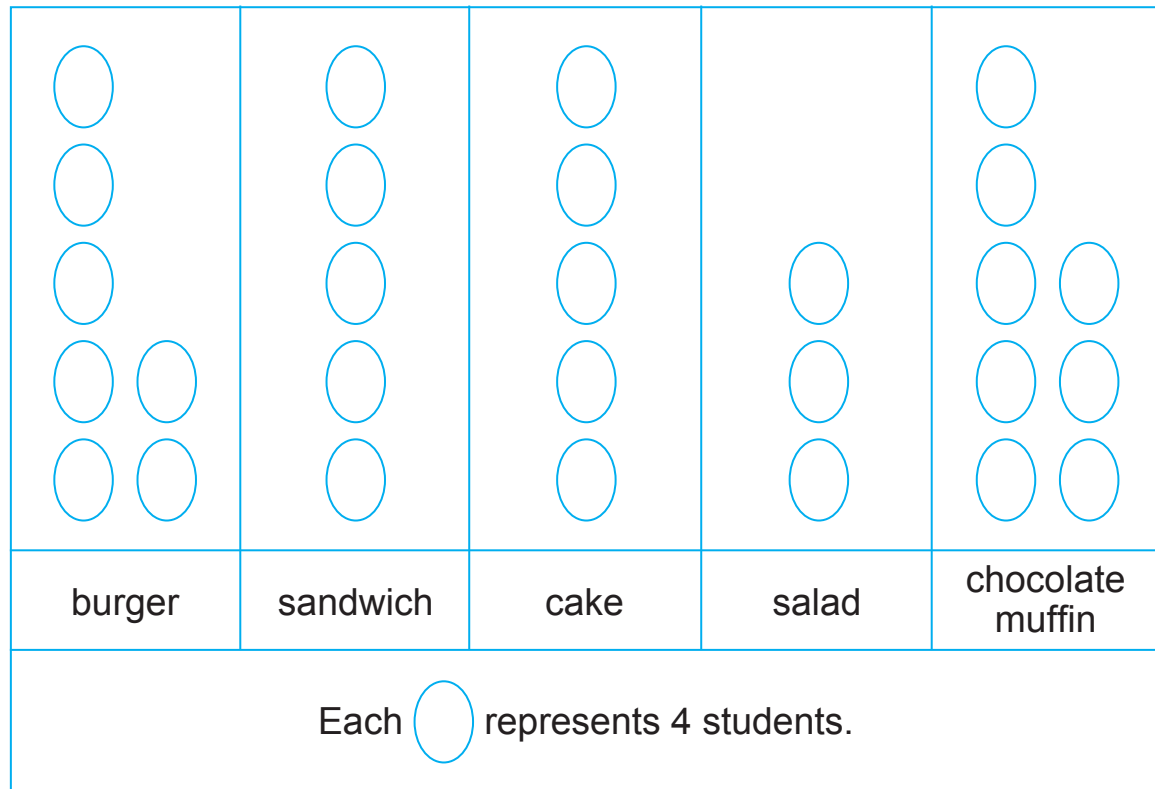
(3) 72

(2) 9

(4) 90 ()

Study the picture graph carefully and use it to answer questions 17 to 19.

The picture graph below shows the different types of food that a group of students likes to eat.



17. The _____ is the most popular among the students.

- | | |
|--------------|-----------------------------|
| (1) burger | (3) salad |
| (2) sandwich | (4) chocolate muffin () |

18. 12 students like to eat _____.

- | | |
|------------|---------------------|
| (1) burger | (3) salad |
| (2) cake | (4) sandwich () |

19. _____ more students like to eat chocolate muffin than burger.

(1) 4

(3) 12

(2) 8

(4) 20

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20. I am a number between $25 \div 5$ and $21 \div 3$. What number am I?

(1) 5

(3) 7

(2) 6

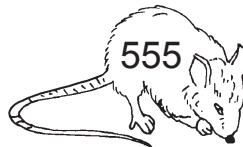
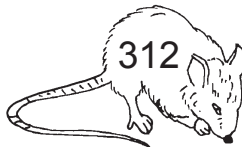
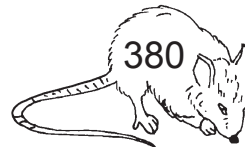
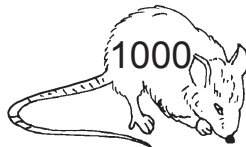
(4) 9

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SECTION B

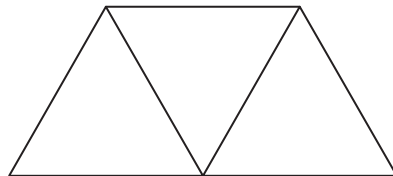
Questions 21 to 40 carry 2 marks each. Write your answers on the lines provided. (20 × 2 marks)

21. Arrange the following numbers in the correct order. Begin with the greatest.



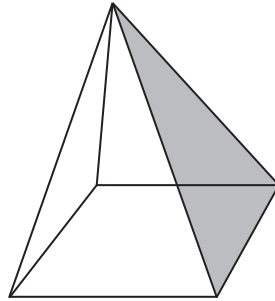
_____ , _____ , _____ , _____ , _____

22. Shade the figure below to show $\frac{2}{3}$.



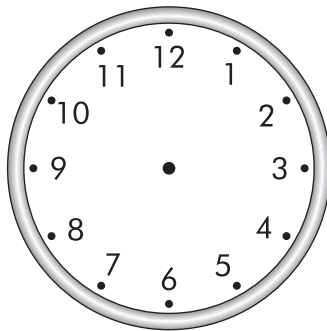
23. Draw a straight line of length 5 cm in the space below.

24.



The shape of the shaded face is _____.

25. Draw the hour and minute hands on the clock to show 10.10.



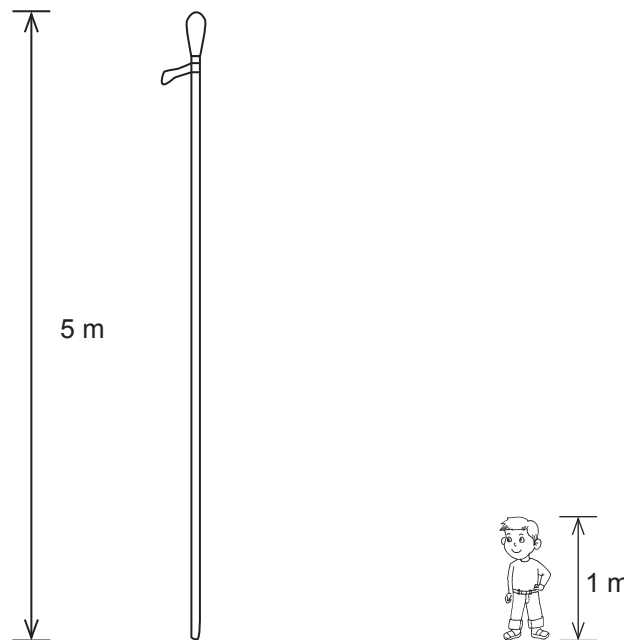
26. A pizza was cut into 10 equal pieces. Alan ate 2 pieces and Jane ate 1 piece more than Alan. How fraction of the pizza was eaten?

27. A mango weighs 800 g. A bundle of vegetables weighs 500 g. How much lighter were the vegetables than the mango?

_____ g

28. The difference between 675 and 345 is _____ tens.

29.



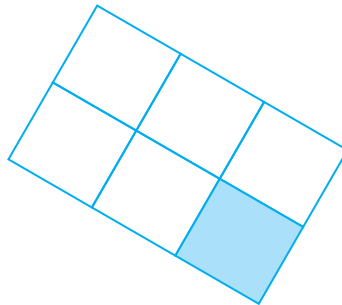
The pole is _____ m taller than the boy.

30. 17 ones + 4 tens + 8 hundreds is _____.

31. Fill in each box with the correct answer.

$$\begin{array}{r}
 \square \quad 8 \quad \square \\
 - \quad 1 \quad \square \quad 5 \\
 \hline
 6 \quad 0 \quad 7 \\
 \hline
 \end{array}$$

32. How many more parts of the figure shown below must be shaded to show $\frac{1}{2}$?

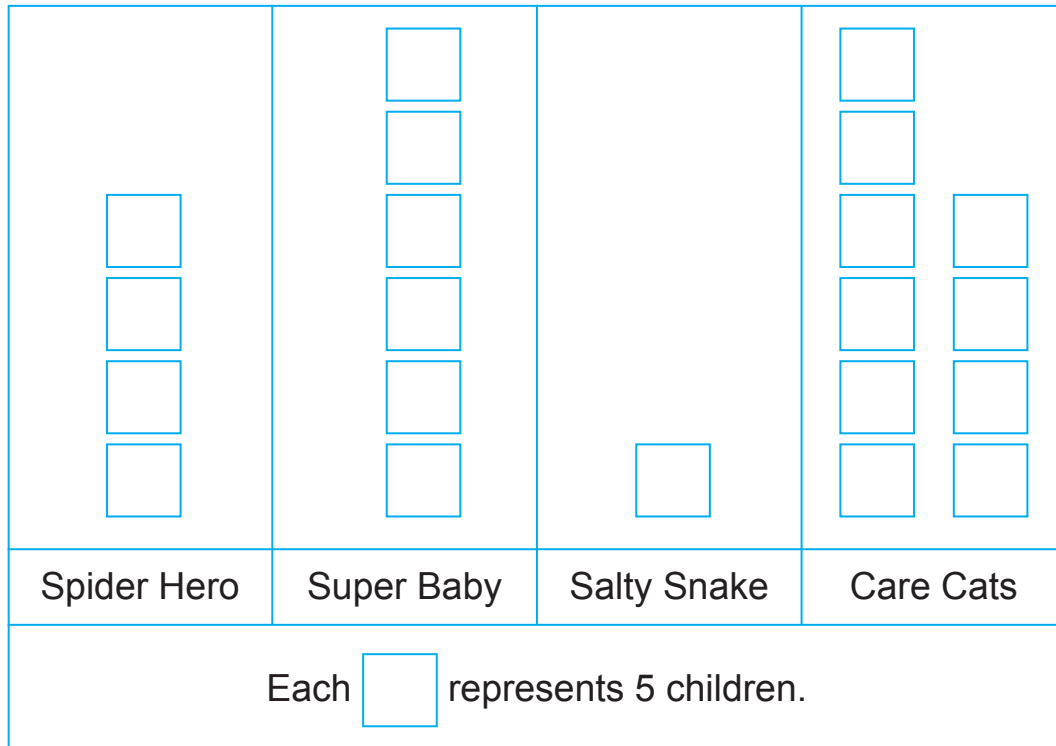


33. Mandy stays at her grandparents' house for 4 hours every day. How many hours does Mandy stay altogether from Monday to Friday?

_____ h

Study the picture graph carefully and use it to answer questions 34 to 37.

The picture graph below shows some cartoons that the children like to watch.



34. _____ is the least popular.
35. _____ children watch Spider Hero.
36. _____ more children prefer watching Super Baby to Spider Hero.
37. 50 children like to watch _____.

38. 6 groups of 5 is the same as _____ \times 3.

39. For every 4 watches Uncle Sam sold, he would be given a \$10 reward. If he was given \$90 as reward, how many watches did Uncle Sam sell?

_____ watches

40. The clock shows 10.30 pm. It is 2 hours faster than the actual time. What is the actual time?

_____ pm

SECTION C

Questions 41 to 45 carry 4 marks each. Do these word problems and show your working clearly in the space provided.

(5 \times 4 marks)

41. Sandy has 5 identical pieces of cloth. Each piece of cloth measures 5 m long. She buys 2 more such pieces of cloth. How much cloth does Sandy have in all?

Sandy has _____ m of cloth in all.

- 42.** Johnny has 35¢ . Each pack of sweets costs 90¢. How much more money does he need to buy two such packs of sweets?

He needs _____¢ more.

- 43.** There were 395 passengers on a train. At the next station, 177 passengers alighted and 68 passengers boarded the train. How many passengers were there on the train in the end?

There were _____ passengers on the train in the end.

- 44.** Mrs Cox bought 8 boxes of pies for a party. Each box contained 4 pies. She ate 5 such pies.
- (a) How many pies did Mrs Cox buy?

Mrs Cox bought _____ pies.

- (b) If Mrs Cox wanted to place the remaining pies equally on 3 plates, how many pies must she put on each plate?

She must put _____ pies on each plate.

45. Tiffany scored 85 marks in her English test. She scored 14 fewer marks in her Chinese test and 9 more marks in her mathematics test than her English test.

(a) How many marks did Tiffany score in her Chinese test?

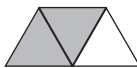

Tiffany scored _____ marks in her Chinese test.


(b) How many marks did Tiffany score in the three tests?

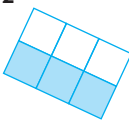
Tiffany scored _____ marks in the three tests.

Solutions:

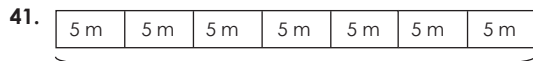
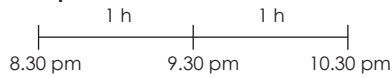
Trial Test

1. (2)
2. (3)
3. (4)
butterflies → 8
frogs → 2
 $8 - 2 = 6$
4. (4)
snails → 4
earthworms → 6
 $4 + 6 + 2 + 8 = 20$
5. (1)
6. (2)
7. (2)
8. (3)
9. (1)
10. (2)
From 8.00 pm to 9.00 pm, it is 1 hour.
1 h = 60 min
11. (2)
 $1 - \frac{3}{4} = \frac{4}{4} - \frac{3}{4} = \frac{1}{4}$
12. (1)
 $10 \div 2 = 5$
13. (2)
14. (4)
 $5 \div 1 = 5$
15. (3)
 $12 + 8 = 20$ cm
 $12 + 20 = 32$ cm
16. (2)
 $81 = 90 - 9$
 $= 9 \times 10 - 9$
17. (4)
There are 32 students who like chocolate muffin.
18. (3)
 $3 \text{ O} = 3 \times 4 = 12$
19. (1)
 $32 - 28 = 4$
20. (2)
 $25 \div 5 = 5$
 $21 \div 3 = 7$
21. **1000, 816, 555, 380, 312**
22. (Accept other correct answers.)

23. 
24. triangle

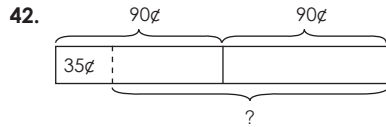
25. 
26. $\frac{5}{10}$
 $2 + 1 = 3$
 $2 + 3 = 5$
27. **300**
 $800 - 500 = 300$ g
28. **33**
 $675 - 345 = 330$
 $= 33$ tens
29. **4**
 $5 - 1 = 4$ m
30. **857**
17 ones = 1 ten 7 ones
1 ten 7 ones + 4 tens + 8 hundreds
 $= 8$ hundreds 5 tens 7 ones
 $= 857$
31.

7	⁷ 8	¹² 2
-	1	7
6 0 7		
32. **2**

 $\frac{1}{2}$ of the figure = 3 parts
 $3 - 1 = 2$ parts
33. **20**
 $5 \times 4 = 20$ h
34. **Sally Snake**
35. **20**
 $4 \times 5 = 20$
36. **10**
 $6 \times 5 = 30$
 $30 - 20 = 10$
37. **Care Cats**
 $10 \times 5 = 50$
38. **10**
 $6 \times 5 = 30$
 $30 \div 3 = 10$
39. **36**
 $\$90 \div \$10 = 9$
 $9 \times 4 = 36$

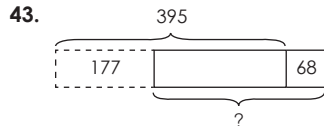
40. 8.30 pm



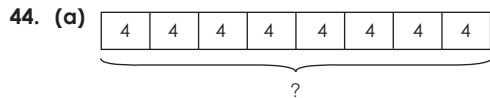
$7 \times 5 = 35 \text{ m}$
Sandy has **35 m** of cloth in all.



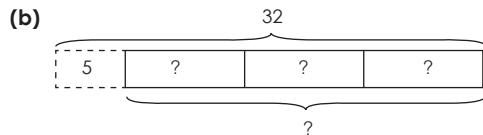
$90¢ + 90¢ = 180¢$
 $180¢ - 35¢ = 145¢$
He needs **145¢** more.



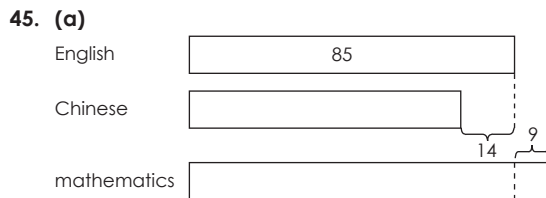
$395 - 177 = 218$
After 177 passengers alighted, there were 218 passengers on the train.
 $218 + 68 = 286$
There were **286** passengers on the train in the end.



$8 \times 4 = 32$
Mrs Cox bought **32** pies.



$32 - 5 = 27$
There were 27 pies left.
 $27 \div 3 = 9$
She must put **9** pies on each plate.



$85 - 14 = 71$
Tiffany scored **71** marks in her Chinese test.

(b) $85 + 9 = 94$
Tiffany scored 94 marks in her mathematics test.
 $85 + 71 + 94 = 250$
Tiffany scored **250** marks in the three tests.