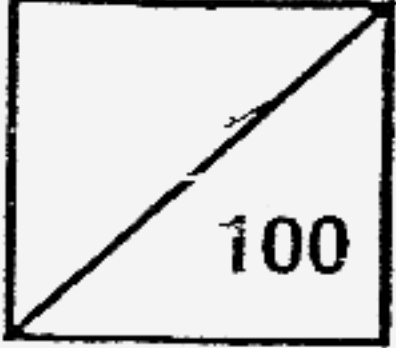Rosyth School
Second Semestral Assessment 2006
Mathematics
Primary 2

Total ◻ 100

Name: _____

Class: Pr 2-_____   Register No._____   Duration: 1h 30 min

Date: 31 October 2006   Parent's Signature: _____

Instructions to Pupils:
1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts, Sections A, B and C.
4. ANSWER ALL THE QUESTIONS.
5. Check all answers carefully.

	Maximum	Marks Obtained
Section A	20	
Section B	60	
Section C	20	
Total	100	

* This paper consists of ____18____ pages altogether.

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Section A (20 Marks)

For questions 1 to 10, choose the correct answer and write its number (1, 2, 3 or 4) in the brackets provided.
Each question carries 2 marks.

---

1. $600 + 40 + 5 =$ _____ .

   1)   546   2)   564

   3)   645   4)   654   (   )

2. 11 tens and 13 ones = _____ .

   1)   24   2)   113

   3)   123   4)   133   (   )

3. The sum of 27 tens and 3 hundreds is _____ .

   1)   30   2)   273
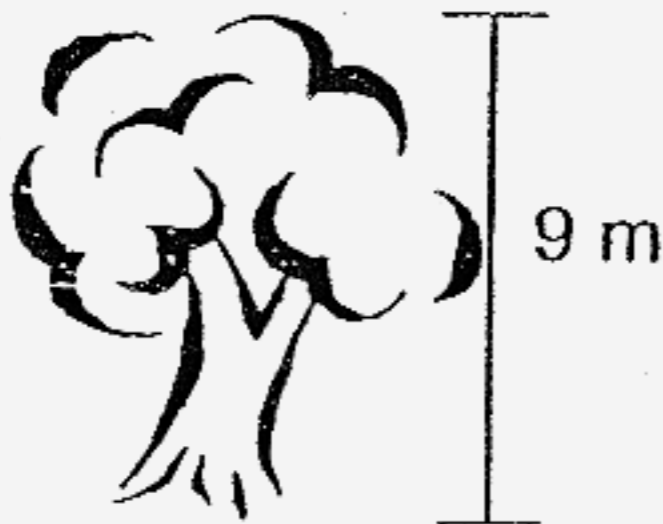
   3)   327   4)   570   (   )

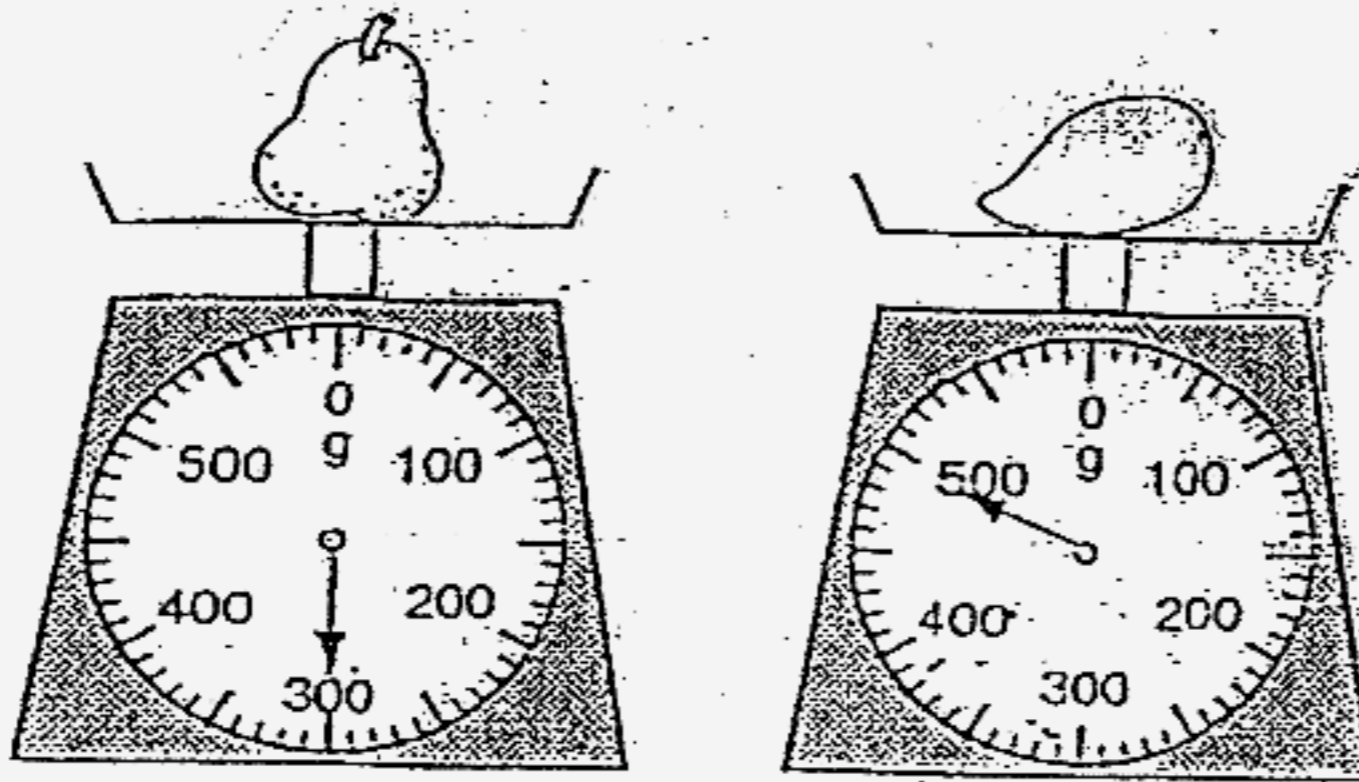4. What is the difference in the height of the trees?
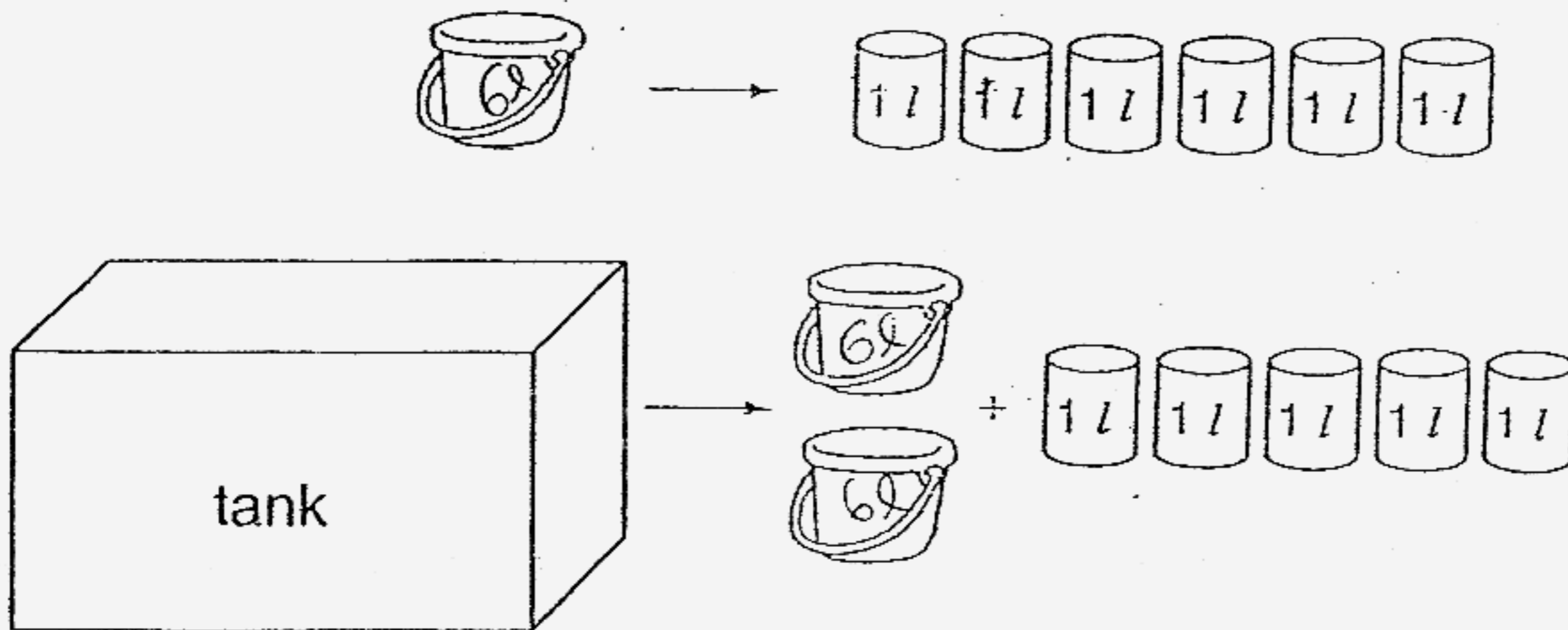

   1)   14 m   2)   9 m

   3)   5 m   4)   4 m   (   )

5.

The total mass of the pear and the mango is _____ g.
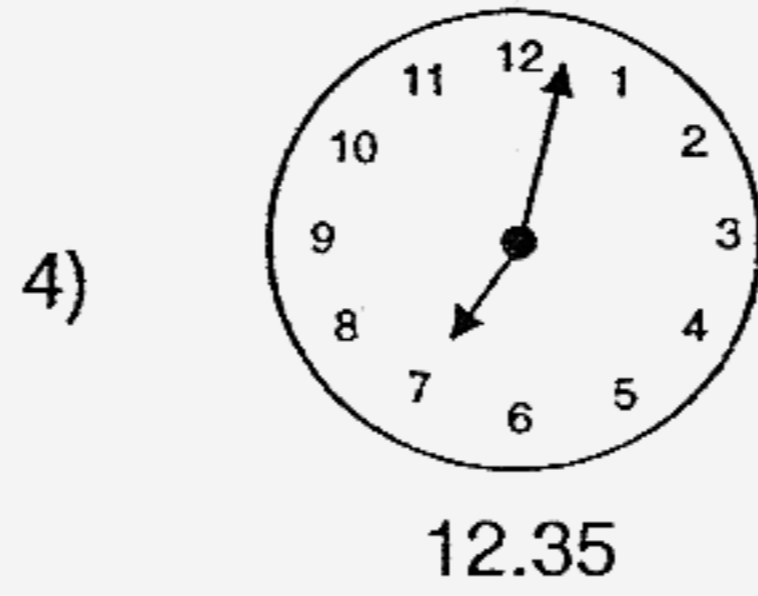
1)   200   2)   300

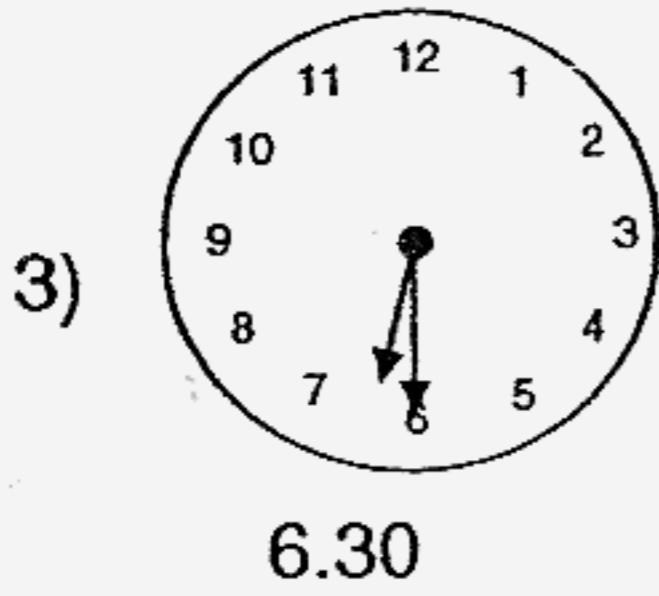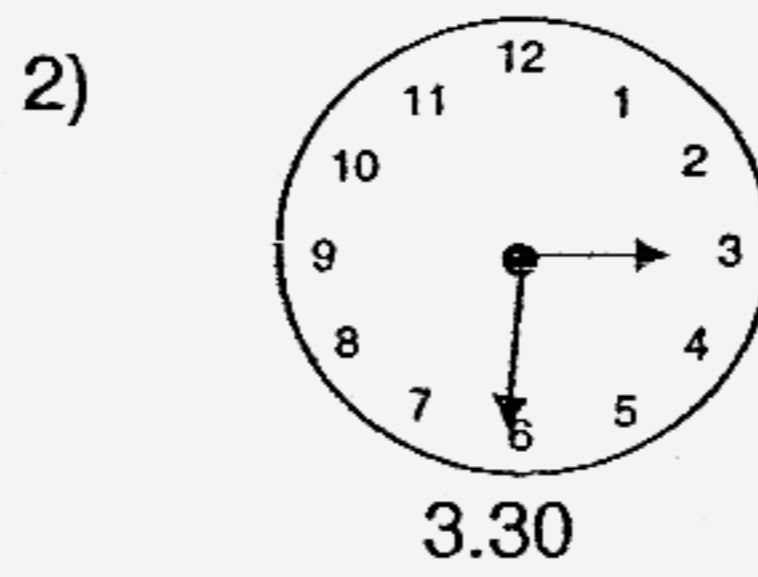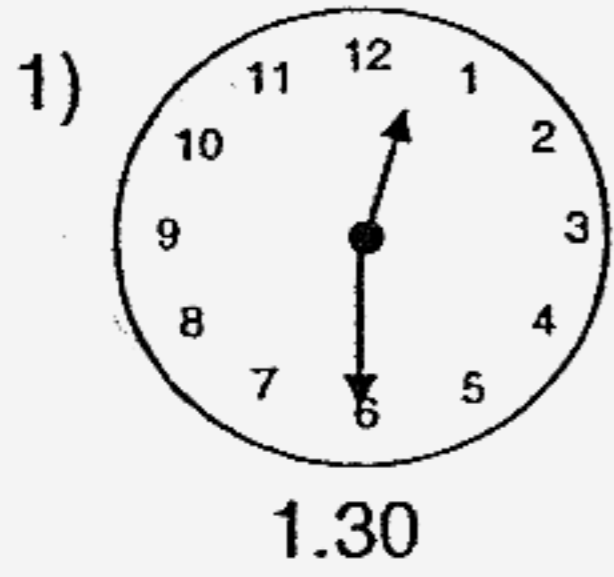3)   500   4)   800   (   )

6.

The tank can hold _____ litres of water.

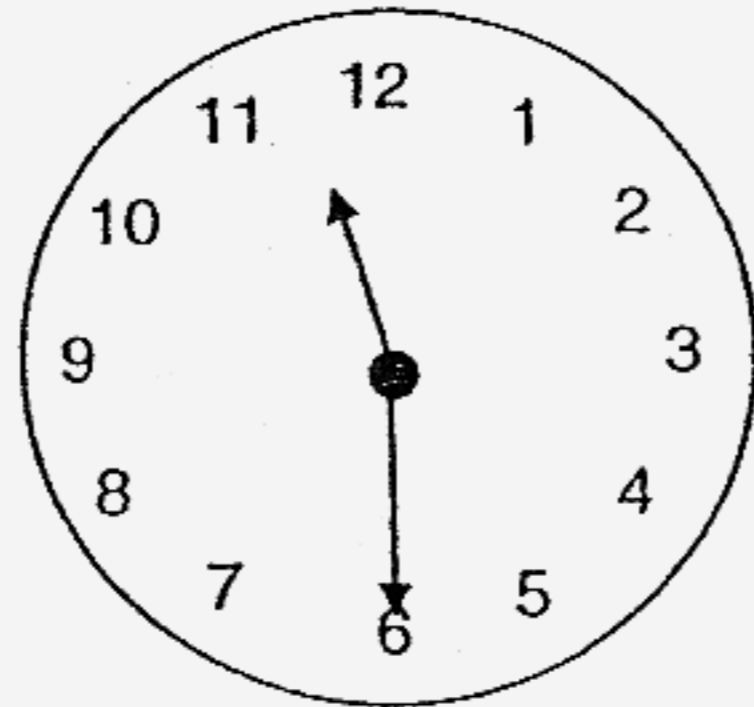1)   5   2)   6

3)   11   4)   17   (   )

7. Which clock shows the correct time?

1)   1.30

2)   3.30

3)   6.30

4)   12.35

(   )

8.

The time now is 11.30 a.m. What will be the time 30 minutes later?

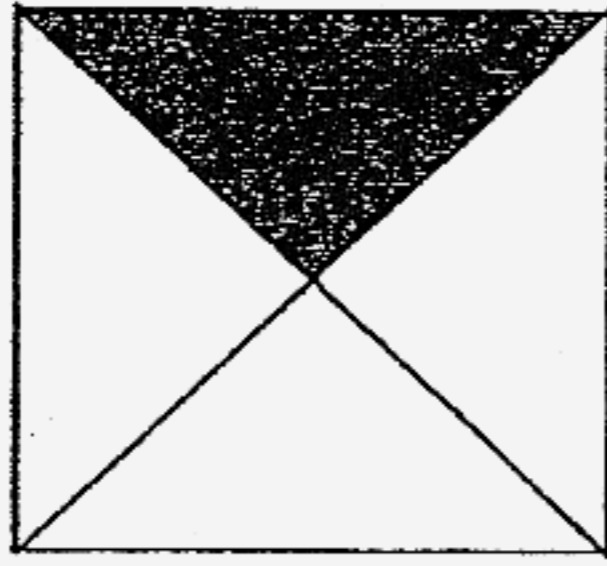1)   10.00 p.m.   2)   11.00 a.m.

3)   12.00 a.m.   4)   12.00 p.m.   (   )

9. What fraction of the figure below is shaded?

1) $\dfrac{1}{3}$

2) $\dfrac{1}{4}$

3) $\dfrac{3}{1}$

4) $\dfrac{3}{4}$

(   )

10. Mr Siva bought a pizza for his family of 6.
There were 10 slices of pizza at first.
Each of them ate a slice.
What fraction of the pizza was eaten?

1) $\dfrac{1}{10}$

2) $\dfrac{4}{10}$

3) $\dfrac{6}{10}$

4) $\dfrac{9}{10}$

(   )

Section B (60 Marks)

For questions 11 to 40, show your working clearly in the spaces below each question and write the correct answer in the box provided. Give your answers in the units stated. Each question carries 2 marks.

11. Write eight hundred and fourteen in numerals.

[   ]

12. Arrange the numbers from the biggest to the smallest.

| 940 | 490 | 840 | 480 |

[   ] , [   ] , [   ] , [   ]

biggest _____ smallest

13. In 976, the value of the digit 7 is _____.

[   ]

14. 3 hundreds and 2 ones = _____.

[   ]

15. 458 = 4 hundreds _____ tens and 18 ones.
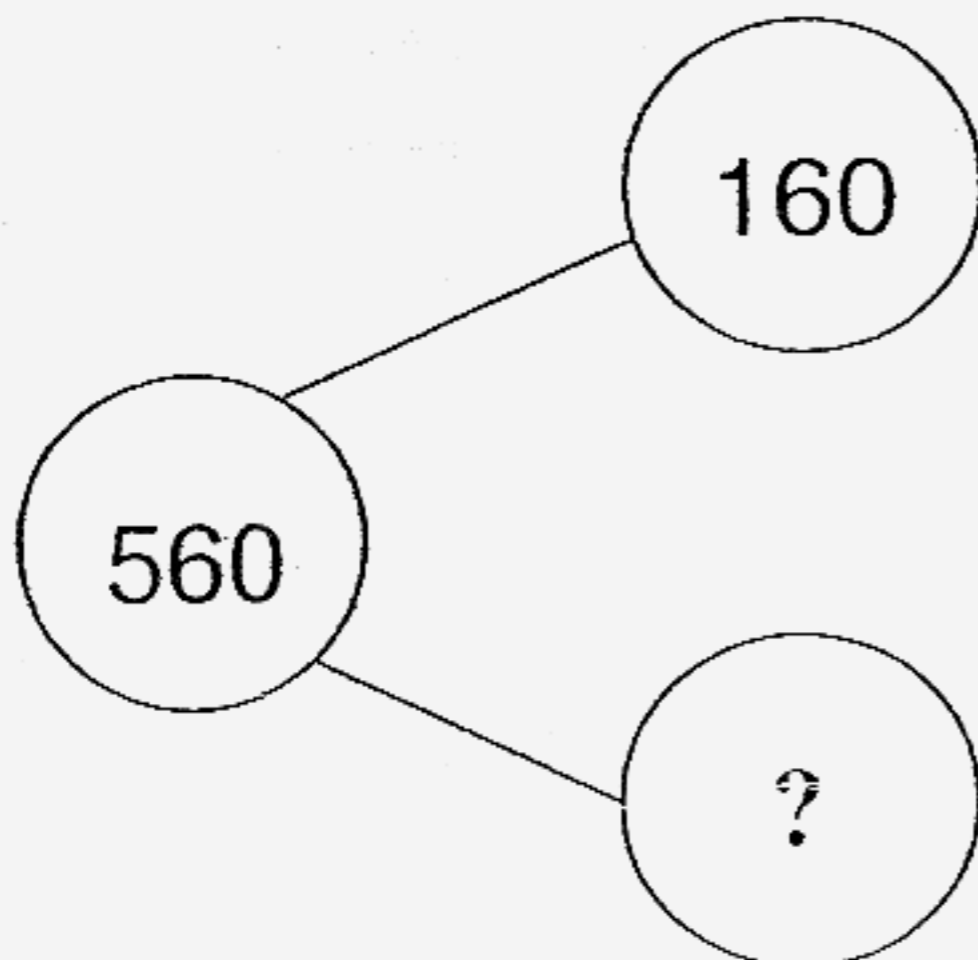
[   ]

5

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16. Find the sum of 359 and 288.

17. What is 130 more than 396?

18. After selling 620 eggs, Mr Tan had 189 eggs left. How many eggs did he have at first?

eggs

19. _____ + 135 = 360

20. Complete the number bond.

160

560

?

21. Fill in the missing numbers in the boxes provided.

$$
\begin{array}{ccc}
\square & 4 & 3 \\
- \quad 6 & \square & 8 \\
\hline
2 & 6 & 5 \\
\hline
\end{array}
$$

22. Circle the stars to show groups of 5.

☆ ☆ ☆ ☆ ☆
☆ ☆ ☆ ☆ ☆
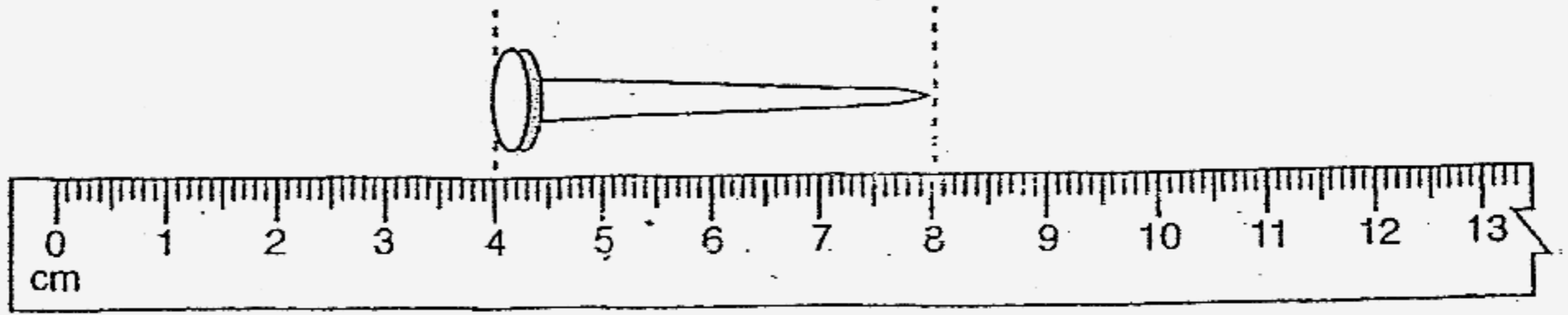☆ ☆ ☆ ☆ ☆

There are _____ groups of 5 stars.

23. 6 x 3 = _____ x 2

24. There are 7 days in a week.
How many days will there be in 4 weeks?

days

7

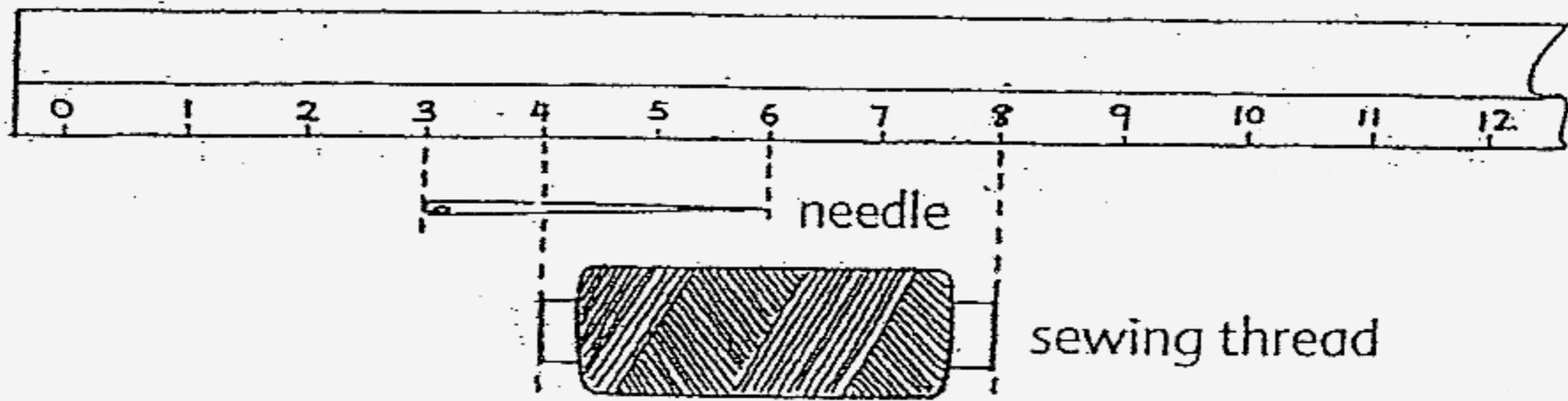25. What is the length of the nail?

The nail is _____ cm long.

	cm

26. Colour the longest ribbon.
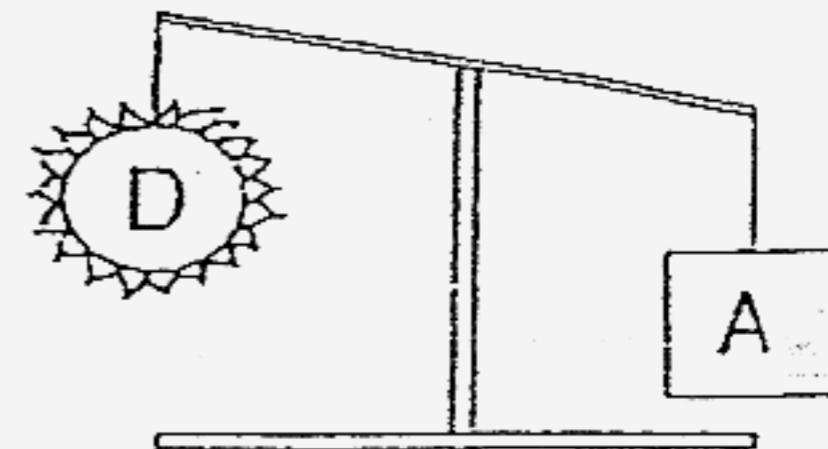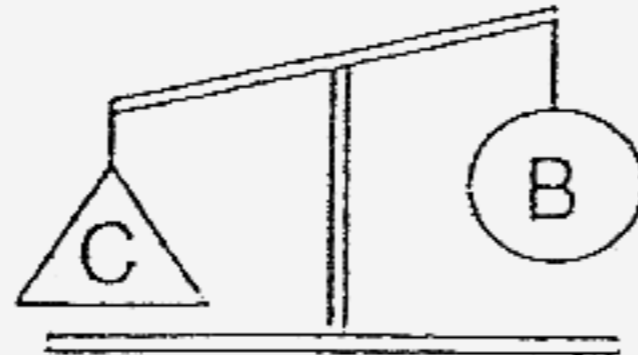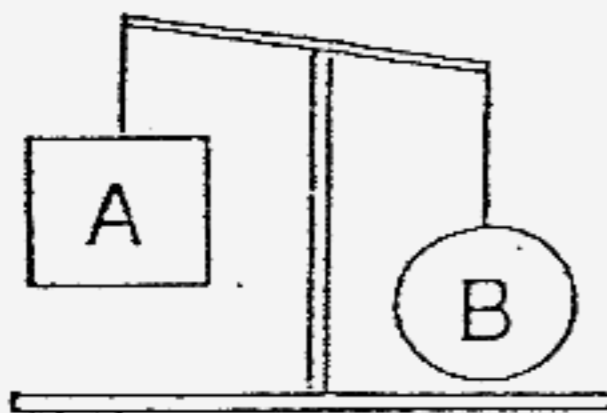

A

B

C

D
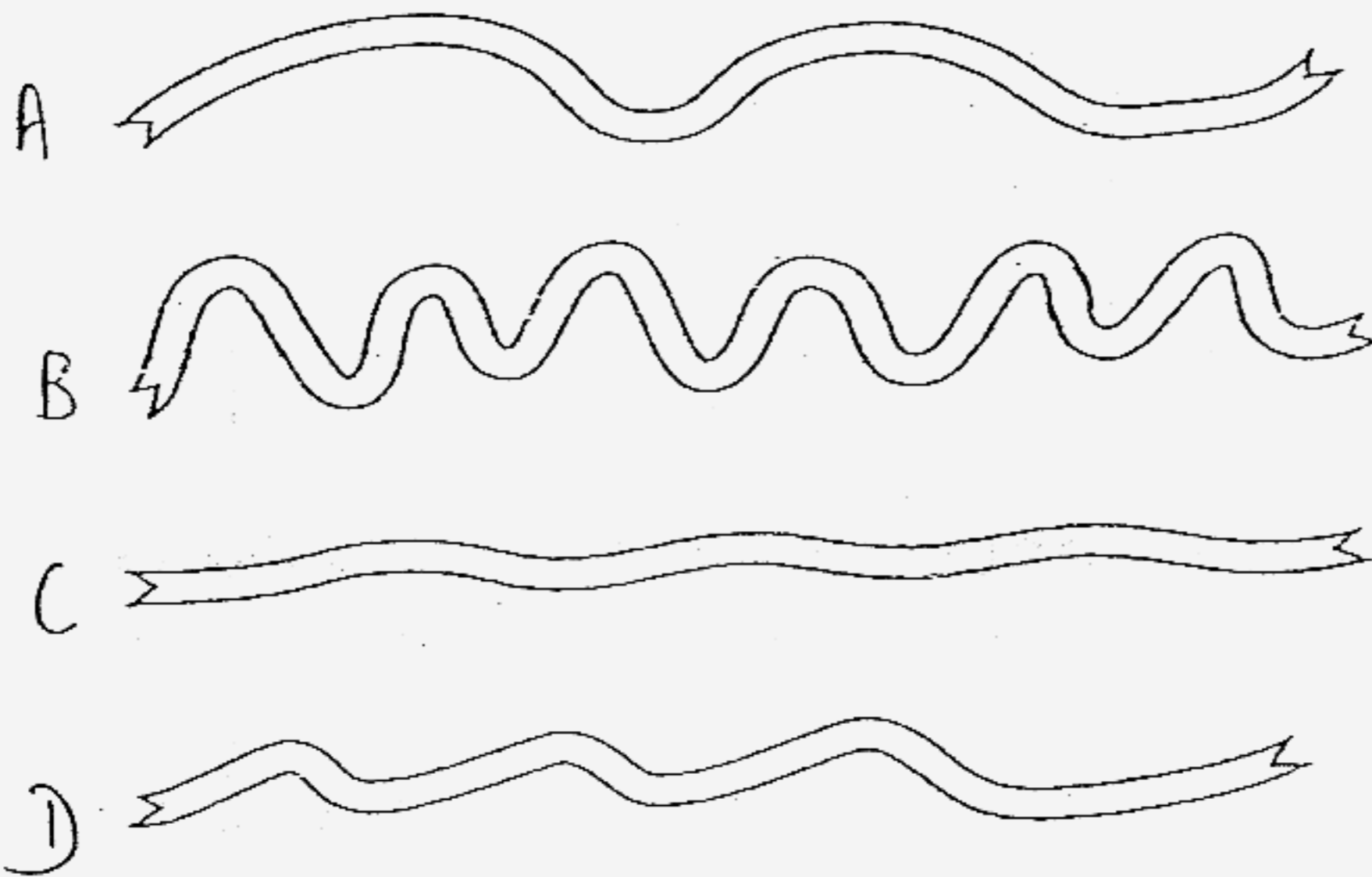
27.

What is the total length of the needle and the roll of sewing thread ?

cm

28. Study the diagram below and answer the following question.

Fill in the blanks with the correct letters (A, B, C or D)

a. The lightest object is

b. The heaviest object is

29. Write the correct volume of water in each blank.

a.

-8 l

6 l

4 l

2 l

[litres]

b.

-10 l

5 l

[litres]
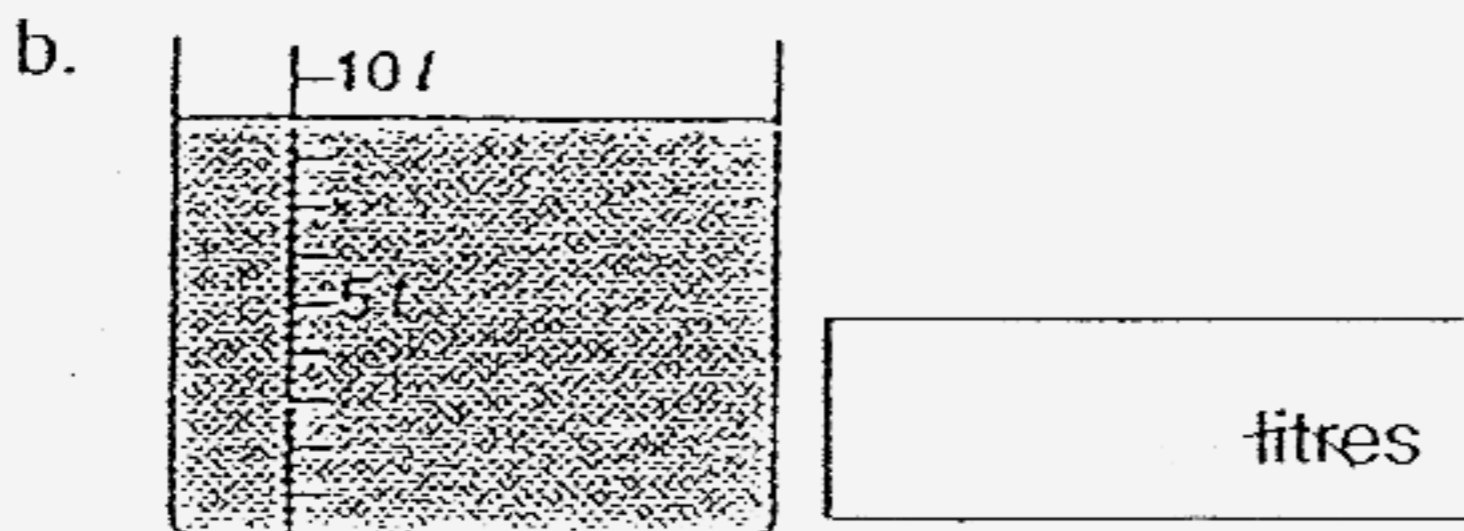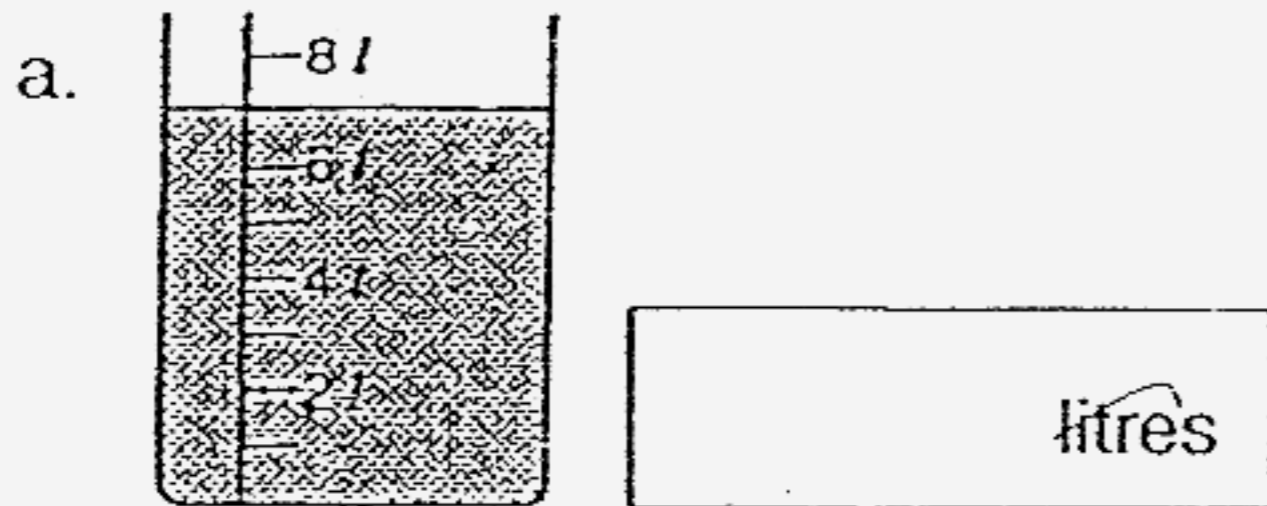
30. Each of the containers below contains some water.
Study the diagram carefully and fill in the correct letters (A, B or C) in the blanks provided.

A   B   C

a. We need the most amount of water to fill up Container [   ]

b. Container [   ] has the biggest volume of water.

31. Meiling drove to Heartland Mall. She reached the shopping mall at 4.20 p.m. Then she shopped for 45 minutes before leaving the shopping mall. At what time did she leave Heartland Mall?

	p.m.

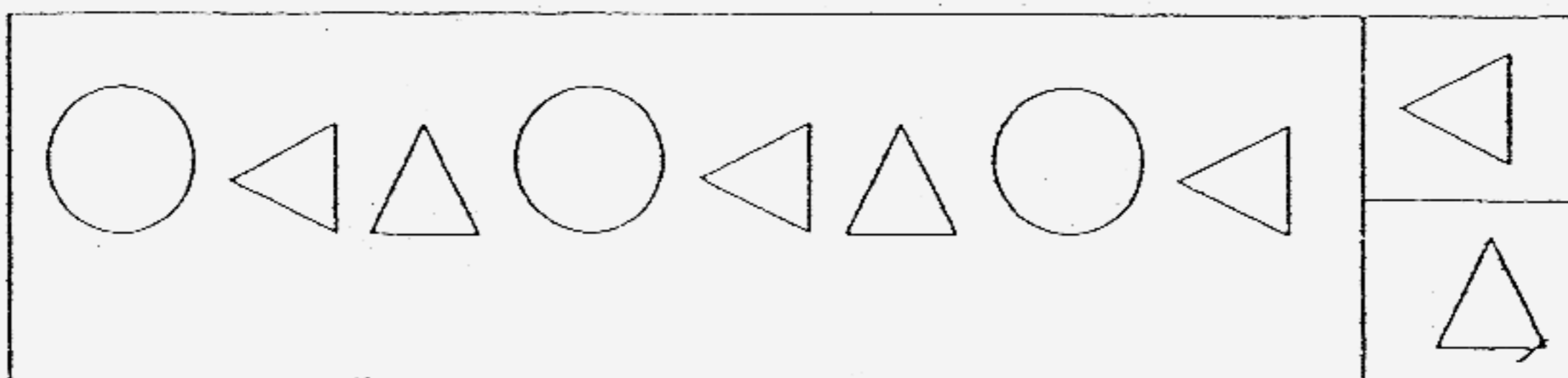32. A bottle contained 940 ml of orange juice. Noraini spilled some of it, leaving 105 ml in the bottle. How much juice did she spill?

	ml

33. Fandi has 5 two-dollar notes, 3 fifty-cent coins and 9 twenty-cent coins.
How much money does he have altogether?

$	

34. Study the pattern below and circle the correct shape that comes next.

11

Study the graph shown below to answer questions 35 to 37.

Anna	📖 📖 📖 📖
Ben	📖 📖 📖
Carol	📖 📖 📖 📖 📖
Doreen	📖 📖 📖 📖 📖 📖
Elly	📖 📖 📖 📖
Each 📖 stands for 3 books.	
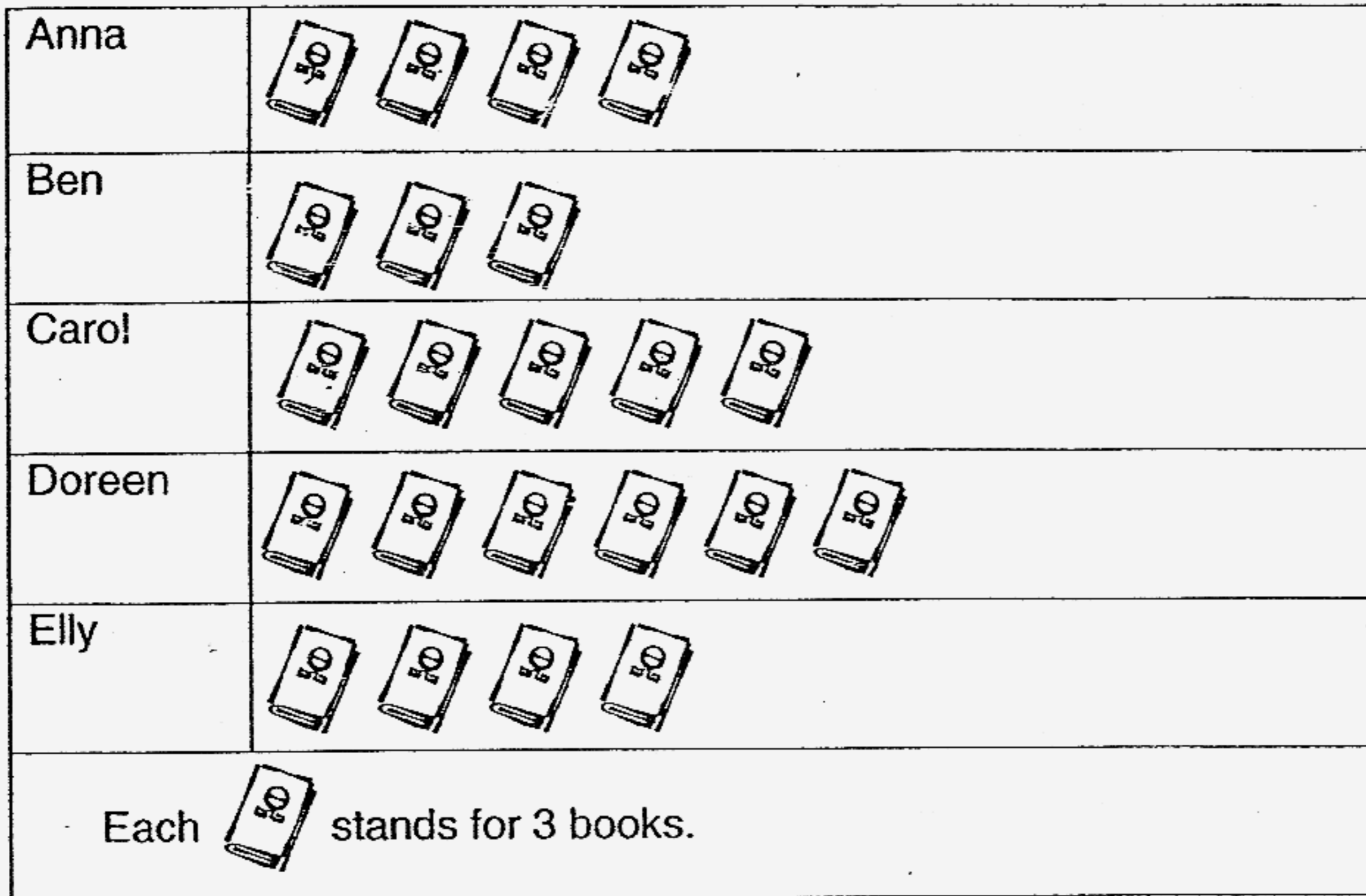
The graph above shows the number of books read by child.

35. Ben read _____ books in all.

36. Anna and Elly read _____ books altogether.

37. _____ children read at least 12 books each.

38.

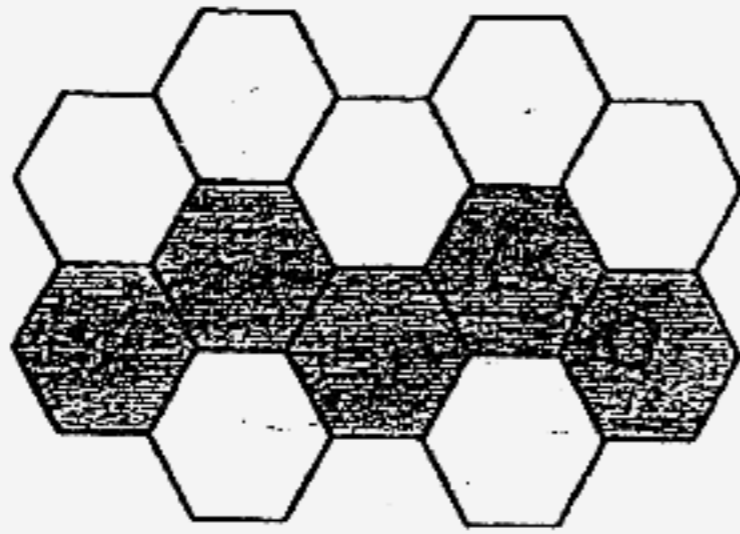a. What fraction of the figure is shaded?

b. What fraction of the figure is not shaded?

39. a. Circle the greater fraction.

$$\frac{3}{6} \quad or \quad \frac{5}{6}$$

b. Circle the smaller fraction.

$$\frac{5}{6} \quad or \quad \frac{5}{10}$$

40. Arrange these fractions in order, beginning with the smallest.

$$\frac{2}{3}, \quad \frac{2}{7}, \quad \frac{2}{5}, \quad \frac{2}{9}$$

☐ , ☐ , ☐ , ☐

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For questions 41 to 45, write your answers in the spaces provided.
<u>Show all working and statements clearly.</u>
Each question carries 4 marks.

---

41.   Joe collects 405 stamps.
       Ryan collects 58 more stamps than Joe.
       How many stamps do they collect altogether?
       (Draw a model to show your working)

42. There were 958 animals in an animal resort at first.
19 of them died and 37 were given away.
How many animals are left in the resort now?
(Draw a model to show your working)

43. There are 6 bags of apples.
    In each bag, there are 5 apples.
    All the apples are then shared equally among 3 children.
    How many apples does each child get?

44. Mrs Tan bought a handbag for $125.
    She also bought a scarf which is $46 cheaper than the handbag.
    How much did she pay for both items altogether?

45. Mount Faber is 169 m away from a condominium.
A school is 217 m away from Mount Faber.
a. Which is further away from Mount Faber, the condominium
   or the school?   (1 mark)
b. How much further?   (3 marks)

169 m   Mt Faber   217 m

Condominium

School
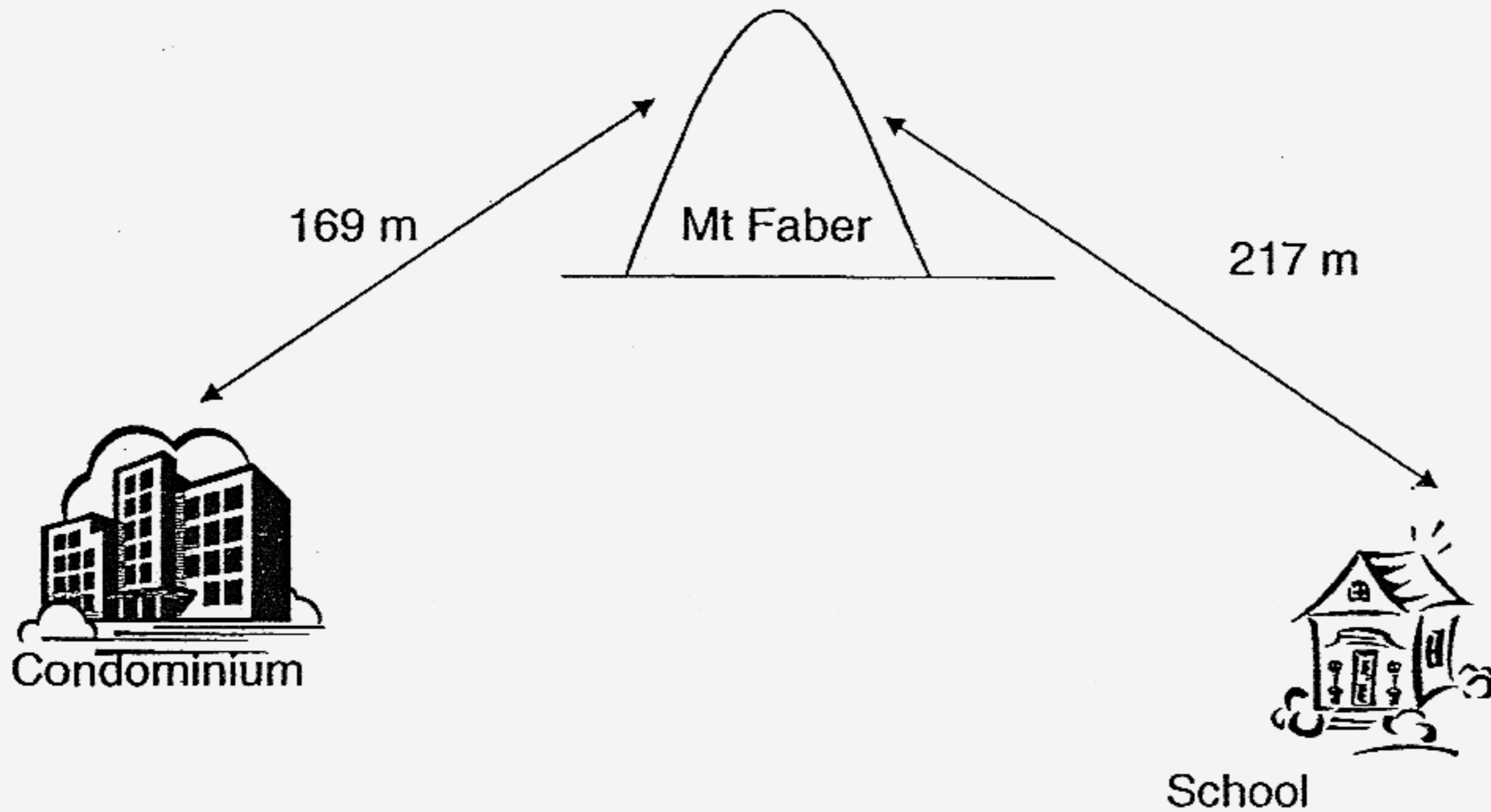
(a)_____ is further away from Mount Faber.

(b)

End of paper
Please check your work thoroughly!

Q1	Q2	Q3	Q4	Q5
3	**3**	**4**	**4**	**4**
Q6	Q7	Q8	Q9	Q10
4	**3**	**4**	**2**	**3**

11. <u>814</u>

12. <u>940</u>, <u>840</u> , <u>490</u> , <u>480</u>

13. <u>70</u>

14. 302

15. <u>4</u> tens

16. $359 + 288 = \underline{647}$
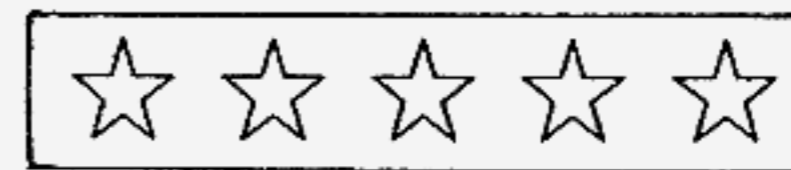
17. $396 + 130 = \underline{526}$

18. $620 + 159 = \underline{809}$

19. $360 - 135 = \underline{225}$

20. $560 - 160 = \underline{400}$

21. $943 - 678 = \underline{265}$

22.

$15 \div 5 = \underline{3}$
There are <u>3</u> groups of 5 stars

23. $6 \times 3 = 18$
$18 \div 2 = \underline{9} \times 2$

24. $7 \times 4 = \underline{28}$

25. $8 - 4 = \underline{4cm}$

26.   The longest ribbon = <u>B</u>

27. $6 - 3 = 3$ (needle)
$8 - 4 = 4$ (sewing thread)
$4 + 3 = \underline{7cm}$

28a. The lightest object is <u>D</u>
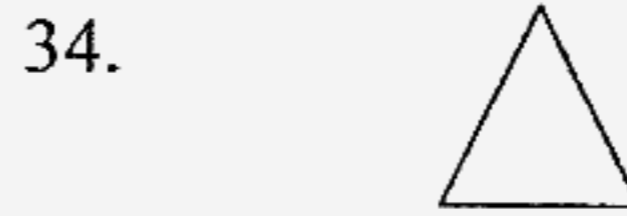
28b. The heaviest object is <u>C</u>

29a. 7ℓ

29b. 9ℓ

30a. A

30b. B

31. $0420 + 45 = 465$ mins
    $= 5.05$pm

32. $940 - 105 = \underline{335\text{m}\ell}$

33. $5 \times \$2 = \$10.00$
    $3 \times 0.50 = \$1.50$
    $9 \times 0.20 = \$1.80$
    $\$(10 + 1.50 + 1.80) = \underline{\$18.30}$

34.

35. $3 \times 3 = \underline{9 \text{ books}}$

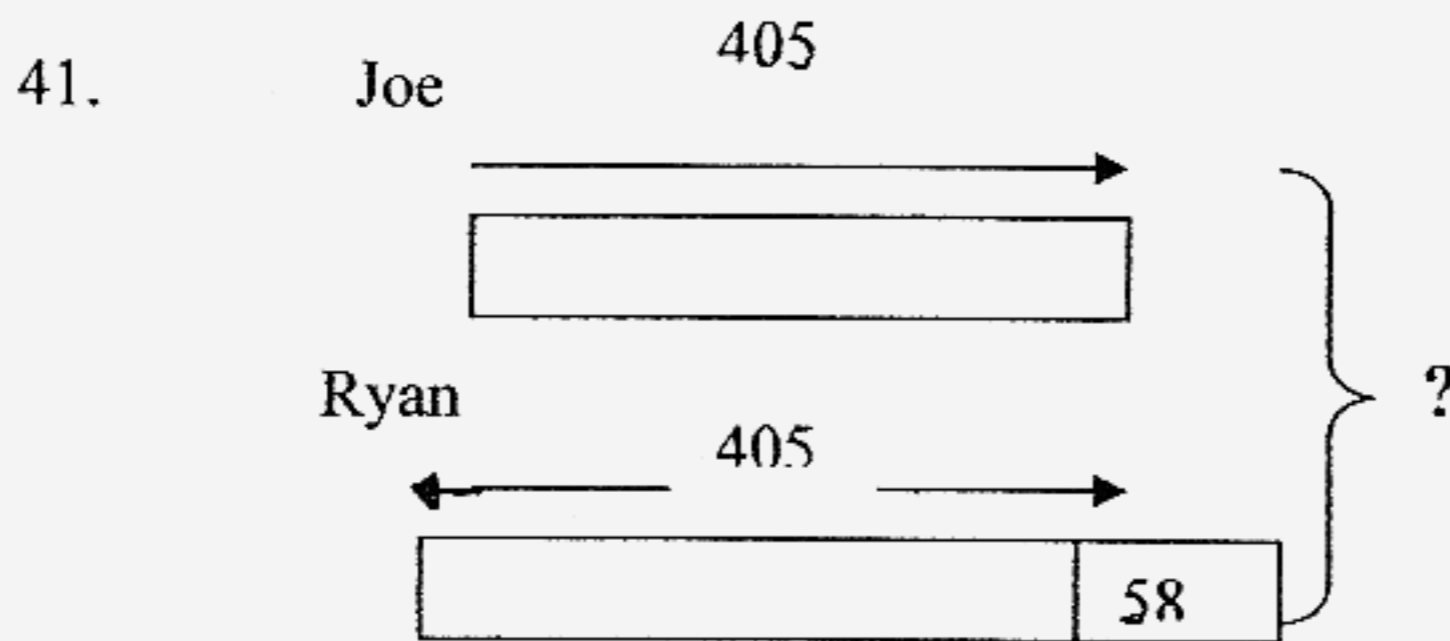36. $8 \times 3 = \underline{24 \text{ books}}$
    altogether

37. $\underline{4}$ children

38a. $\dfrac{5}{12}$ 38b. $\dfrac{7}{12}$

39a. $\dfrac{5}{6}$ 39b. $\dfrac{5}{10}$
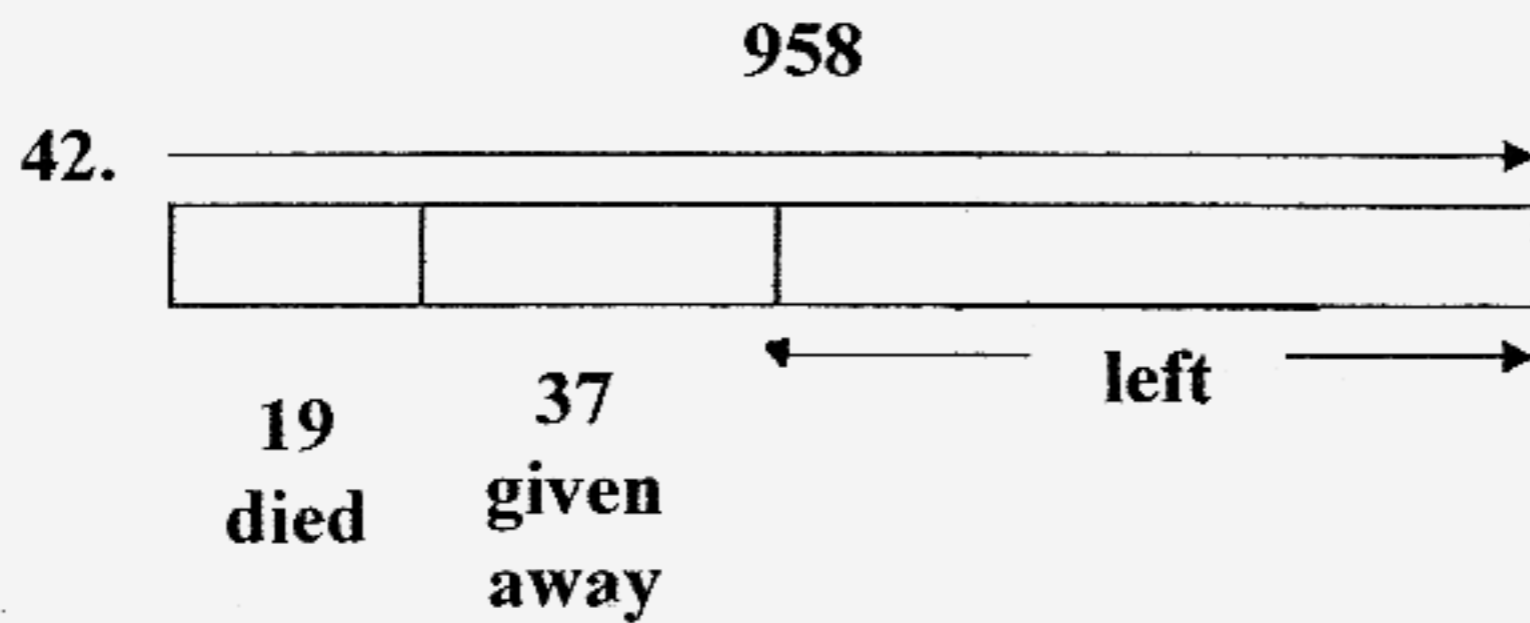
40. $\dfrac{2}{9}$, $\dfrac{2}{7}$, $\dfrac{2}{5}$, $\dfrac{2}{3}$

41. Joe   405

Ryan   405   58   ?

$405 + 58 = 463$
Ryan collects 463 stamps.

$405 + 463 = 868$

They collect <u>868 stamps</u> altogether.

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958

42.

19 died	37 given away	left

19 + 37 = 56
958 − 56 = 902
<u>902 animals</u> are left in the resort now.

43   6 x 5 = 30
There are <u>30 apples</u> in 6 bags

30 ÷ 3 = 10
Each child gets <u>10 apples.</u>

44. $125 − $46 = $79.00
The scarf cost $79.00

$125.00 + $79.00 = $204.00
She paid <u>$204.00</u> for both items altogether.

45a. The school

45b. 217m − 169m = 48m

The school is <u>48m</u> further.