

MONTH : FEBRUARY

SESSION : 2

CLASS :V

SUBJECT : MATHEMATICS

CHAPTER: CH. 17, 19, 20

SUB-TOPIC : PRACTICE 2[SOLVE THESE STORY SUMS]

CHANGING YOUR TOMORROW

Website: www.odmegroup.org

Email: info@odmps.org

Toll Free: **1800 120 2316**

Sishu Vihar, Infocity Road, Patia, Bhubaneswar- 751024

LEARNING OBJECTIVE :

To enable learners practice and revise for the annual examination.

Geniuses only

1. One rabbit saw 6 elephants while going towards river. Every elephant saw 2 monkeys are going toward the river. Every monkey holds one tortoise in their hands.

How many animals are going towards the river?

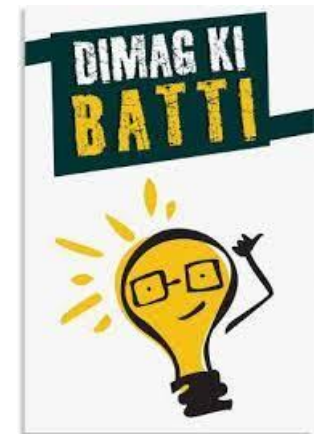
5 animals.

1 rabbit + 2 monkeys + 2 tortoise

2. They come out at night without being called and are lost in the day without being stolen.

What are they?

Stars.



Geniuses only

3. A man was murdered in his office. A calendar was found near the man with blood written
11, 3 , 9, 18, 20, 1, 16

Suspects are- Ericson, Maggi, Sona, Joel, Patrick and Benny.

Who is the murderer?

Patrick. K= 11, C = 3 I = 9 R= 18 T= 20 A=1 P= 16

4. Guess city name in India

- 'Rhythm of eyes' **Nainital** [Nain + tal]
- No zip- **Chennai** [chen + nai]
- Mr. City – **Srinagar** [Sri + nagar]
- Do Acting- **Karnataka** [kar + nataka]



PRACTICE WORK

SOLVE THE WORD PROBLEMS.

1. Shikha runs around a square field of side 57 m. Priya runs around a rectangle with length 60 m and breadth 45 m. Who covers small distance and by how much?
2. Find the perimeter of a rectangle whose area is 650 sq.m and breadth is 13 m.
3. Fredrick spends 1 hour 30 minutes in gym each day except the weekends. How much time does he spend in the gym in a week?
4. If one page of a book can be read in 10 min , then find the time required to read 20 such pages.
5. If the cost of one hair pin is 25 p then how many clips can be bought for ₹ 7.
6. Tina received ₹ 2345 . 70 from her father and Amit received ₹ 2165 . 85. who got more and by how much.

LET'S PRACTICE!



ANSWERS

PRACTICE WORK

1. Shikha runs around a square field of side 57 m. Priya runs around a rectangular field with length 60 m and breadth 45 m. Who covers less distance ?

The side of the square field = 57 m

Distance covered by Shikha = $4 \times S$

$$= 4 \times 57 \text{ m} = \mathbf{228 \text{ m}}$$

Length of the rectangular field = 60 m

Breadth = 45 m

Distance covered by Priya = $2 \times (L + B) = 2 \times (60 + 45)$

$$= 2 \times 105 = \mathbf{210 \text{ m}}$$

$$\text{Difference} = 228 \text{ m} - 210 \text{ m} = \mathbf{18 \text{ m}}$$

Therefore **Priya** covered **18 m** less distance than **Shikha**.



PRACTICE WORK

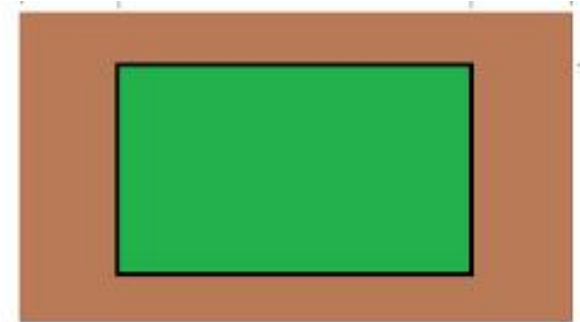
2. Find the perimeter of a rectangle whose area is 650 sq.m and breadth is 13 m.

Breadth of the rectangle = 13 m

Area = 650 sq.m

$$\text{Length} = \frac{\text{Area}}{\text{breadth}} = \frac{650}{13} = 50 \text{ m}$$

$$\begin{aligned} \text{Perimeter} &= 2 \times (l + b) = 2 \times (50 + 13) \\ &= 2 \times 63 = 126 \text{ m} \end{aligned}$$



Thus, the length is **50 m** and the perimeter is **126 m**.

PRACTICE WORK

3. Fredrick spends 1 hour 30 minutes in gym each day except the weekends. How much time does he spend in the gym in a week?

Time spent in the gym everyday = 1 hour 30 min.

Weekends are Saturday and Sunday.

Time he spent in the gym in a week =

$$1 \text{ hour } 30 \text{ min} \times 5 = \mathbf{7 \text{ hours } 30 \text{ min.}}$$

So He spends **7 hours 30 mins** in the gym.



H	M
2	
1	30
X	5
<hr/>	
7	30

$$30 \times 5 = 150 \text{ min}$$

$$150 - 120 = 30 \text{ min}$$

PRACTICE WORK

4. If one page of a book can be read in 10 min , then find the time required to read 20 such pages. Write your answer in hours and minutes.

Time needed to read 1 page = 10 min

Time required to read 20 such pages = $20 \times 10 = 200$ min

60 min = 1 hr

200 min = $200 \div 60 =$ **3 hours 20 minutes.**



$$\begin{array}{r} 3 \\ \hline 60 \overline{) 200} \\ \underline{180} \\ 20 \end{array}$$

So, **3 hours and 20 min** is required to read 20 pages of the book.

PRACTICE WORK

5. If the cost of one hair pin is 25 p then how many clips can be bought for ₹ 7.

Cost of 1 hair pin = 25 p

₹ 7 = 700p

No. Of pins can be bought for ₹ 7 = $700 \text{ p} \div 25 \text{ p} = 28$

Therefore **28** hairpins can be bought for Rs. 7.



$$\begin{array}{r} 25 \overline{) 700} \\ \underline{50} \\ 200 \\ \underline{200} \\ 0 \end{array}$$

28

PRACTICE WORK

6. Tina received ₹ 2345 . 70 from her father and Amit received ₹ 2165 . 85. who got more and by how much.

Amount Tina got = ₹ 2345 . 70

Amount Amit got = ₹ 2165 . 85

Tina got more than Amit by = ₹ **179 . 85**

$$\begin{array}{r} \text{₹} \qquad \text{p} \\ 2\ 1314 \qquad 16\ 10 \\ \cancel{2345} \ . \ \cancel{70} \\ - 2\ 165 \ . \ 85 \\ \hline 179 \qquad 85 \end{array}$$


Therefore Tina got ₹ **179.85** more than Amit.



HOMEWORK



Practice Ch. 9 to 14.

The logo for 'Learning Outcomes' features the words 'Learning' and 'Outcomes' in a large, bold, black font with a yellow outline and a drop shadow. To the left of the text is a blue graduation cap with a tassel. Above the word 'Learning' is a red apple with a green leaf.

Learning Outcomes

Students are able:

- **To recall the chapters and operations related to them.**

THANKING YOU
ODM EDUCATIONAL
GROUP