

MONTH : FEBRUARY

SESSION : 4

CLASS :V

SUBJECT : MATHEMATICS

CHAPTER: CH. 9 TO 14

SUB-TOPIC : REVISION WORK – 2

DO AS DIRECTED

SOLVE THE STORY SUMS

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**CHANGING YOUR TOMORROW**

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## **LEARNING OBJECTIVE :**

**To enable learners practice and revise for the annual examination.**

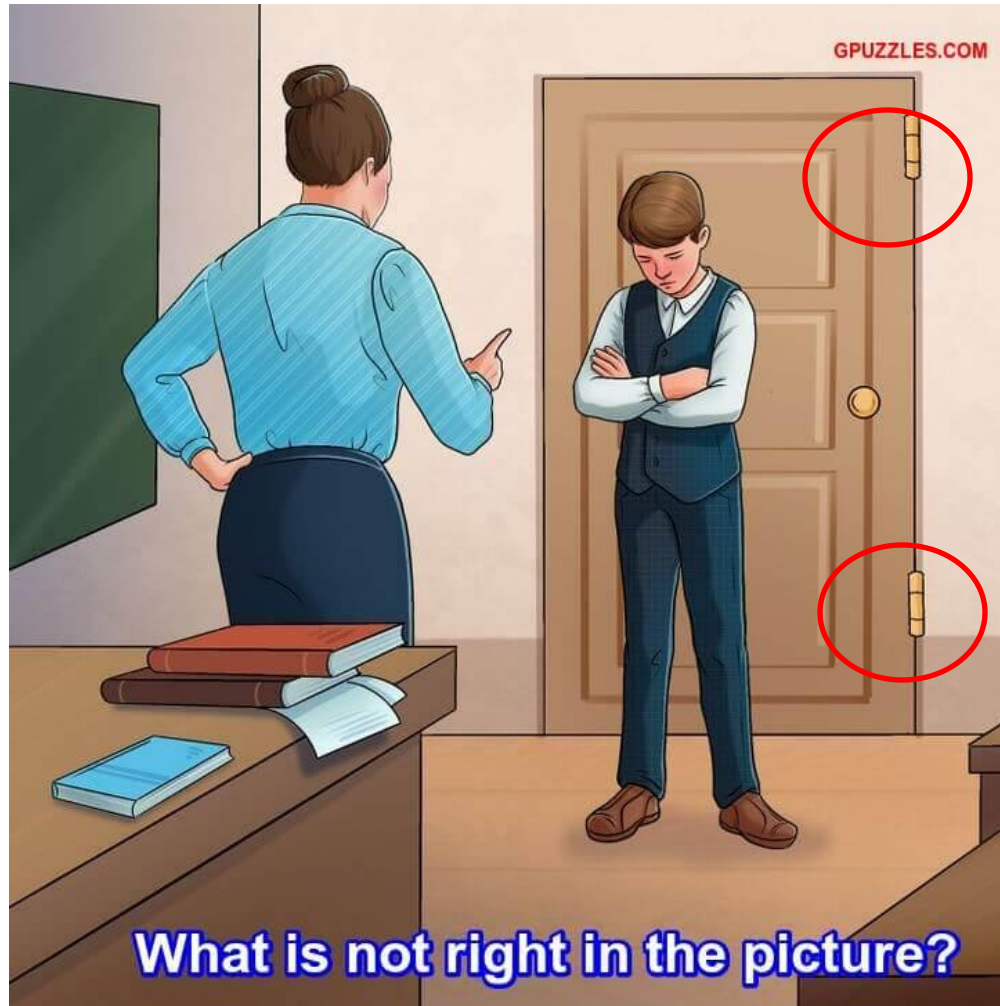
# BRAIN EXERCISE

## Find the flaw in the picture?



**On the  
clock  
instead  
of 8 its  
written  
B**

# BRAIN EXERCISE



**The door hinges are on the opposite side.**

**What is not right in the picture?**

# BRAIN EXERCISE



**Min and Max  
are on the  
opposite side.**

# BRAIN EXERCISE

What's wrong with this picture?



**That's not a  
basketball  
that's a  
football.**

## REVISION-2

**Do as directed.**

- a. Find 140 % of 1500**
- b. Find 5 cm as a percentage of 2 m.**
- c. Simplify :  $8.8 \div [0.5 \text{ of } 15 - \{6.2 \div 2 - (8.4 - 7.6)\}]$**
- d. Find the Average : 10, 20, 30, 40, 50, 60, 70, 80, 90, 100**
- e. Divide: 24.9 by 300**

## REVISION-2

### Solve the story sums.

- a. David took a math test and got 25 correct and 15 incorrect answers. What was the percentage of correct answers?
- b. There are 45 Carpenters in a Crew. On a certain day, 27 were present. What Percent showed up for work?
- c. The distance between two places is 100 km. Anil travelled first  $33\frac{2}{3}$  km by bus and the remaining distance by train. Find the distance Anil travelled by train.
- d. Laxmi's average marks in 6 subjects in an examination were 65. She scored 64 in English, 68 in Hindi, 58 in Maths, 55 in Science and 70 in History. How many marks did She get in Geography?



# ANSWERS

## REVISION-2

Do as directed.

a. Find 140 % of 1500

$$140 \% \text{ OF } 1500 = \frac{140}{100} \times 1500 = 2100$$

b. Find 5 cm as a percentage of 2 m.

$$2 \text{ m} = 200 \text{ cm}$$

$$5 \text{ cm as percentage of } 200 \text{ cm} = \frac{5}{200} \times 100 = 2.5 \%$$

## REVISION-2

c. Simplify :  $8.8 \div [0.5 \text{ of } 15 - \{6.2 \div 2 - (8.4 - 7.6)\}]$

$$= 8.8 \div [0.5 \text{ of } 15 - \{6.2 \div 2 - 0.8\}]$$

$$= 8.8 \div [0.5 \text{ of } 15 - \{3.1 - 0.8\}]$$

$$= 8.8 \div [0.5 \text{ of } 15 - 2.3]$$

$$= 8.8 \div [0.5 \times 15 - 2.3]$$

$$= 8.8 \div [7.5 - 2.3]$$

$$= 8.8 \div 5.2 = \frac{88}{10} \div \frac{52}{10}$$

$$= \frac{88}{10} \times \frac{10}{52} = 1\frac{9}{13}$$

*(Note: The handwritten work shows a long division of 88 by 52, resulting in a quotient of 1 and a remainder of 36, which is then simplified to 9/13.)*

## REVISION-2

d. Find the Average : 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

$$\text{Average} = \frac{10 + 20 + 30 + 40 + 50 + 60 + 70 + 80 + 90 + 100}{10} = \frac{550}{10} = 55$$

e. Divide: 24.9 by 300

$$\begin{array}{r} 0.083 \\ 300 \overline{) 24.9} \\ \underline{0} \\ 249 \\ \underline{0} \\ 2490 \\ \underline{2400} \\ 900 \\ \underline{900} \\ 0 \end{array}$$

## REVISION-2

Solve the story sums.

- a. David took a math test and got 25 correct and 15 incorrect answers. What was the percentage of correct answers?

No. of correct answers = 25

No. of incorrect answers = 15

Total no. of questions =  $25 + 15 = 40$

Percentage of correct answers =

$$\frac{25}{40} \times 100 = 125 \div 2 = 62.5 \%$$

Therefore **62.5 %** of the answers were correct.

## REVISION-2

b. There are 45 Carpenters in a Crew. On a certain day, 27 were present. What Percent showed up for work?

No. of carpenters = 45

No. of carpenters present = 27

Percentage of carpenters showed up =

$$\frac{\overset{3}{\cancel{27}}}{\overset{5}{\cancel{45}}} \times 100 = 60\%$$

Thus **60 %** of the carpenters showed up.

## REVISION-2

c. The distance between two places is 100 km. Anil travelled first  $33\frac{2}{3}$  km by bus and the remaining distance by train. Find the distance Anil travelled by train.

Distance between two places = 100 km

Distance covered by bus =  $33\frac{2}{3}$  km.

$$\begin{aligned} \text{Distance covered by train} &= 100 - \frac{101}{3} \\ &= \frac{300 - 101}{3} = \frac{199}{3} = 66\frac{1}{3} \text{ km.} \end{aligned}$$

## REVISION-2

d. Laxmi's average marks in 6 subjects in an examination were 65. She scored 64 in English, 68 in Hindi, 58 in Maths, 55 in Science and 70 in History. How many marks did She get in Geography?

Marks in English = 64

Hindi = 68

Maths = 58

History = 70

Science = 55

Average of 6 subjects = 65

Total marks =  $65 \times 6 = 390$

Total marks in 5 subjects = 315

Marks secured in Geography =  $390 - 315 = 75$

64
68
+58
70
55
<hr/>
315

**So Laxmi secured 75 in geography.**



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**  
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