

MONTH : FEBRUARY

SESSION : I

CLASS :V

SUBJECT : MATHEMATICS

CHAPTER: CH. 10, 11 & 12

SUB-TOPIC : PRACTICE I [DO AS DIRECTED]

CHANGING YOUR TOMORROW

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LEARNING OBJECTIVE :

To enable learners practice and revise for the annual examination.

PRACTICE WORK

A. Do as directed.

1. Simplify :

a. $(96 \div 12) + 14(12 + 8) \div 2$

b. $16 \div [0.1 + \{0.1 + (0.1 + \overline{0.2 - 0.1})\}]$

2. Divide :

a. 108.8 by 8000

b. 0.132 by 6

3. Multiply:

a. 205.69×1.6

b. 125.36×0.2

4. find the average

a. 50, 52, 68, 72, 88, 90, 98

b. $\frac{1}{4} \quad \frac{3}{4} \quad \frac{1}{2} \quad \frac{1}{6} \quad \frac{3}{8}$

5. Add the following

a. $12336.26 : 2536.5 : 875.569$

b. $8846.465 : 1523.256 : 977$



PRACTICE WORK

Simplify

A. Do as directed.

a. $(96 \div 12) + 14(12 + 8) \div 2$

$$= 8 + 14 \times 20 \div 2$$

$$= 8 + 14 \times 10$$

$$= 8 + 140$$

$$= \mathbf{148}$$

b. $16 \div [0.1 + \{0.1 + (0.1 + 0.2 - 0.1)\}]$

$$= 16 \div [0.1 + \{0.1 + (0.1 + 0.1)\}]$$

$$= 16 \div [0.1 + \{0.1 + 0.2\}]$$

$$= 16 \div [0.1 + 0.3]$$

$$= 16 \div 0.4$$

$$= 16 \div \frac{4}{10}$$

$$= \cancel{16}^4 \times \frac{10}{\cancel{4}} = \mathbf{40}$$



PRACTICE WORK

2. Divide

a. 108.8 by 8000

$$\begin{array}{r} 8000 \overline{) 108.8000} \\ \underline{0} \\ 1088 \\ \underline{0} \\ 10880 \\ \underline{8000} \\ 28800 \\ \underline{24000} \\ 48000 \\ \underline{48000} \\ 0 \end{array}$$

b. 0.132 by 6

$$\begin{array}{r} 0.022 \\ 6 \overline{) 0.132} \\ \underline{0} \\ 10 \\ \underline{0} \\ 13 \\ \underline{12} \\ 12 \\ \underline{12} \\ 0 \end{array}$$



PRACTICE WORK

3. Multiply:

a. 205.69×1.6

$$\begin{array}{r} 205.69 \\ \times 1.6 \\ \hline 123414 \\ + 205690 \\ \hline \mathbf{329.104} \end{array}$$

b. 125.36×0.2

$$\begin{array}{r} 125.36 \\ \times 0.2 \\ \hline \mathbf{25.072} \end{array}$$

4. Find the average

a. 50, 52, 68, 72, 88, 90, 98

$$\begin{aligned} \text{Average} &= \frac{50 + 52 + 68 + 72 + 88 + 90 + 98}{7} \\ &= \frac{518}{7} = \mathbf{74} \end{aligned}$$



PRACTICE WORK

$$b. \frac{1}{4} \frac{3}{4} \frac{1}{2} \frac{1}{6} \frac{3}{8}$$

$$\text{Average} = \frac{\frac{1}{4} + \frac{3}{4} + \frac{1}{2} + \frac{1}{6} + \frac{3}{8}}{5}$$

$$= \frac{6 + 18 + 12 + 4 + 9}{24}$$

$$5$$

$$= \frac{49}{24} = \frac{49}{24} \times \frac{1}{5}$$

$$= \frac{49}{120}$$



PRACTICE WORK

5. Add the following

a. 12336.26 : 2536.5 : 875.569

$$\begin{array}{r} 12336.260 \\ + 2536.500 \\ 875.569 \\ \hline 15748.329 \end{array}$$

b. 8846.465 : 1523.256 : 977

$$\begin{array}{r} 8846.465 \\ + 1523.256 \\ 977.000 \\ \hline 11346.721 \end{array}$$



HOMEWORK



Practice Ch. 17, 19 20.

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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