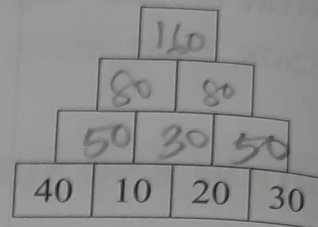
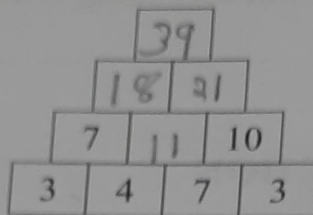
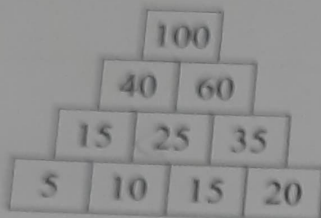


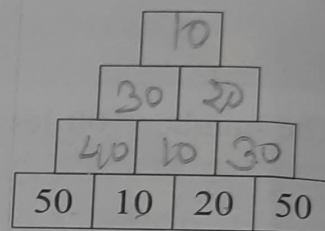
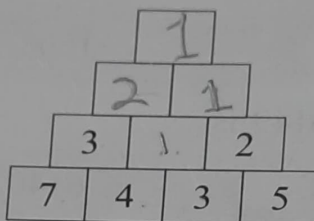
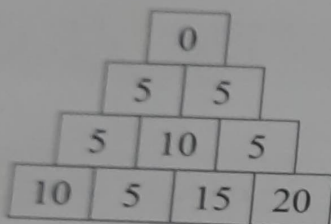
LEARNING BY DOING



A. Look at this addition pyramid. Study the pattern and fill in the boxes.



B. Look at this subtraction pyramid. Study the pattern and fill in the boxes.



MULTIPLICATION

A. Fill in the blanks.

1. $427 \times \underline{1} = 427$

2. $\underline{63} \times 1 = 63$

3. $35 \times 5 = 5 \times \underline{35}$

4. $2 \times \underline{4} \times 5 = 5 \times 4 \times 2$

5. $36 \times 10 = \underline{10} \times \underline{36}$

6. $151 \times \underline{0} = 10 \times 0$

7. $4 \times 2 \times 100 = \underline{100} \times \underline{2} \times \underline{4}$

8. $17 \times 5 \times 0 = \underline{0} \times \underline{17} \times \underline{5}$

B. Multiply.

1. $600 \times 12 = \underline{7200}$

2. $1251 \times 10 = \underline{12510}$

3. $111 \times 900 = \underline{99900}$

4. $1300 \times 20 = \underline{26000}$

5. $564 \times 7 = \underline{3948}$

6. $8251 \times 4 = \underline{33004}$

C. Solve these word problems.

- 36 students of Class 4 donated money for the Flood Relief Fund. If each student gave ₹ 125, how much money was collected?

2.



Amandeep collected ₹ 250 from each student of Class 4 for school picnic. If there are 44 students in the class, how much money did Amandeep collect?

DIVISION

A. Tick (✓) the correct option.

1. $127 \div 0$

a. 1

b. 0

c. 127

d. meaningless

2. $4025 \div$ by 100 gives

a. Q 4, R 25.

b. Q 25, R 40.

c. Q 40, R 25.

d. Q 100, R 0.

3. If $14 \times 6 = 84$, then $84 \div 6 =$ _____

a. 14

b. 6

c. 84

d. 14×6

4. The largest remainder that can be left when a number is divided by 9 is

a. 8.

b. 9.

c. 10.

d. 0.

5. What number when divided by 6 gives quotient 3?

a. 2

b. 3

c. 6

d. 18

B. Solve and compare using $>$, $<$ or $=$.

1. $48 \div 1$ $>$ $48 \div 48$

2. $35 \div 7$ $<$ $35 \div 5$

3. $64 \div 8$ $=$ $56 \div 7$

4. $700 \div 10$ $>$ $700 \div 100$

5. $0 \div 6$ $<$ $6 \div 6$

6. $350 \div 1$ $>$ $3500 \div 100$

C. Divide and verify the answer.

1. $259 \div 7$

2. $1042 \div 9$

3. $723 \div 15$

4. $2308 \div 28$

D. Solve these word problems.

1. 648 flowers are used to make 18 garlands. How many flowers are there in each garland?



2. 24 dolls are packed in a box. How many boxes will be needed to pack 1048 dolls?



STD-IV

Division.

classmate

Date _____

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C. Divide and verify the answer.

1. $259 \div 7$

$$\begin{array}{r|l} 259 & 37 \\ 7 \overline{) 21} & \\ \hline & 49 \\ & -49 \\ \hline & 0 \end{array}$$

So quotient = 37, remainder = 0

To verify the answer, we have

$$\text{Quotient} \times \text{Divisor} + \text{Remainder} = \text{Dividend}$$

$$= 37 \times 7 + 0$$

$$= 259 + 0$$

$$= 259 = \text{Dividend}$$

Ans. It is verified that the required quotient is 37 and remainder is zero.

2. $1042 \div 9$

$$\begin{array}{r|l} 1042 & 115 \\ 9 \overline{) 9} & \\ \hline & 14 \\ & -9 \\ \hline & 52 \\ & 45 \\ \hline & 7 \end{array}$$

So the quotient = 115 and remainder = 7

To verify the answer, we have

$$\text{Quotient} \times \text{Divisor} + \text{Remainder} = \text{Dividend}$$

$$= 115 \times 9 + 7$$

$$= 1035 + 7$$

$$= 1042 = \text{Dividend}$$

Ans. It is verified that the required quotient and remainder will be 115 and 7 respectively.

2. Solve these word problems.

1. Number of flowers used to make garlands = 648

Number of garlands = 18

Number of flowers in each garland = $648 \div 18$
 $= 36$

Ans. 36 flowers are there in each garland.

$$\begin{array}{r|l} 648 & 36 \\ 18 & \underline{54} \downarrow \\ & 108 \\ & \underline{-108} \\ & 0 \end{array}$$

2. Number of dolls in a box = 24

Number of dolls to be packed = 1048

Required number of boxes = $1048 \div 24$
 $= 43$ and remainder 16

So required number of boxes
 $= 43 + 1 = 44$

$$\begin{array}{r|l} 1048 & 43 \\ 24 & \underline{-96} \downarrow \\ & 88 \\ & \underline{-72} \\ & 16 \end{array}$$

Ans. 44 boxes will be needed to pack 1048 dolls.