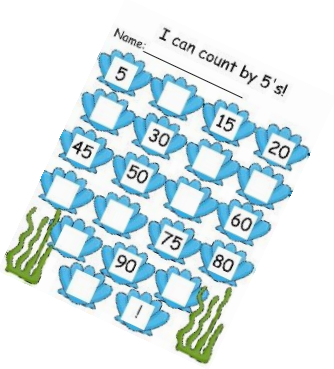
Rosary School \ Marj Elhamam

Name: _____ Date: / 9 / 2025 Subject:
Subject: Practice worksheet (3) / chapter (2) Grade : 5 ( )

The Number System

❖ 2.A Count on and back



Q1: a. Count on in 0.4s.

0.1 , 0.5 , 0.9 , _____ ,_____

b. Count back in 0.05s.

0.12 , 0.07 , 0.02 , _____ , _____

c. Count back in 0.005s.

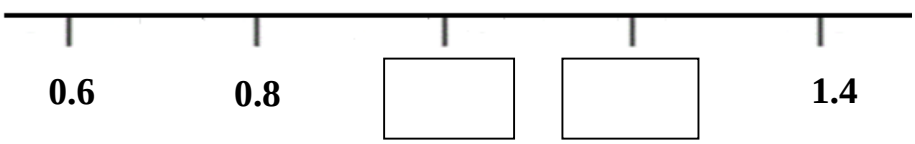
0.015 , 0.01 , 0.005 ,_____ , _____ , _____

d. Count on in $\frac{1}{3}$s.

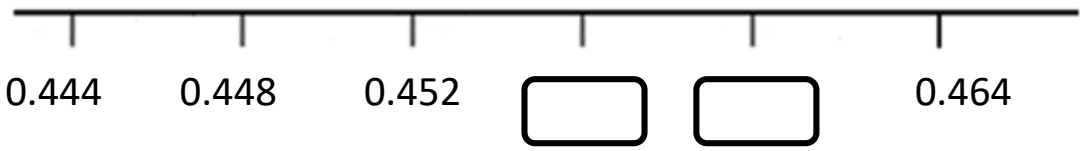
$\frac{1}{3}$, _____ , _____ , $\frac{4}{3}$, $\frac{5}{3}$

Q2: Fill in the blanks.

a. Count on in 0.2s.



b. Count on in 0.004s.



c. Count on in $\frac{1}{3}$ s.

Q3: a. Write the missing numbers in the boxes to complete the sequence.

$$\frac{15}{8}, \frac{\square}{\square}, \frac{\square}{\square}, \frac{6}{8}, \frac{3}{8}$$

b. The sequence continues in the same way.
What is the first negative term in the sequence?

Q4: Here are six measurements.

1.3 Km, 1.9 Km , 3.7 Km , 2.5 Km , 3.1 Km

a. Use the numbers given to form an increasing sequence.

_____ ,_____ , _____ ,_____ , _____

b. Describe the pattern you observed.

_____

Q5: The height of the first step in a pool is $\frac{1}{3}$ m **below** the water level.

It decreases $\frac{2}{3}$ m each time.

a. How many meters below the water level is the fifth step? _____

b. Could the height of a step in the pool be $\frac{8}{3}$ m below the water level?

Why or why not?

_____

_____

_____

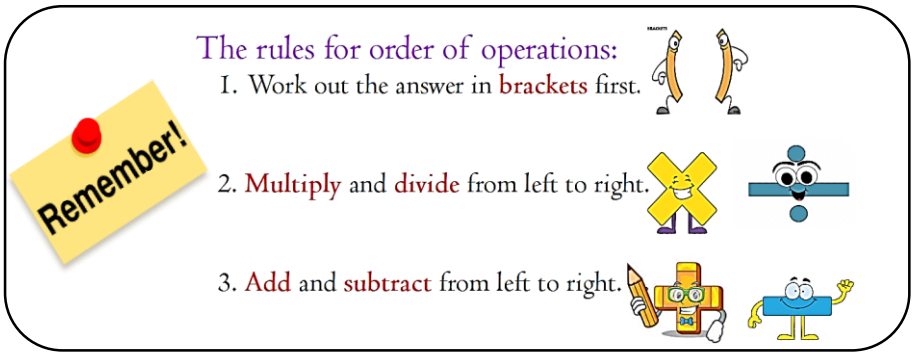
_____

Q6 :

While planting flowers, Emma put 15 flowers in the first row, 20 flowers in the second row, 25 flowers in the third row, 30 flowers in the fourth row, and 35 flowers in the fifth row. If this pattern continues, how many flowers will put in the sixth box?

_____

❖ 2.B Use the order of operations



Q1: Use the order of operations to fill in the blanks.

a. $15 \times 3 \times 2 - 18$

$= 3 \times$ _____ $\times$ _____ $- 18$ Use the **commutative law** of multiplication.

$= 3 \times$ _____ $- 18$ Use the **associative law** of multiplication.

= _____ $- 18$ Do **multiplication** before **subtraction.**

= _____

b . $20 + 12 + 5 \times 4$

$= 20 + 12 +$ _____ Do **multiplication** before **addition**.

$= 20 +$ _____ $+ 12$ Use the **commutative law** of addition.

= _____ + _____

= _____

c. $500 - 35 \times 12$

$= 500 - 35 \times$_____ $- 35 \times 2$ Use the **distributive law**.

$= 500 -$_____ $-$ _____ Do **multiplication** before **subtraction**.

= _____ – _____

= _____

Q2: Use the **law of arithmetic** to solve the following problems.

a. $25 + 7 \times 15 \times 2 =$

b. $14 \times 4 + 20 =$

c. $100 \times 19 - 1500 =$

d. $195 - 4 \times 5 \times 5 =$

❖ 2.C Use Brackets

Q1: Draw a ring around the letters of the expressions that give the same answer.

a. $2 \times (36 + 4) + 10$

b. $(100 - 30) + 10 \times 2$

c. $150 - (120 \div 4)$

d. $(5 + 4) \times 4 + 15 \times 2$

Q2: Mel has 32 blue balls and 38 green balls.
She puts all the balls equally into 2 boxes.
How many balls are there in each box?
This word problem can be solved using only one equation. Write the equation.

_____

Q3: Insert brackets to make each statement true.

a) $3 + 5 \times 4 + 3 = 38$

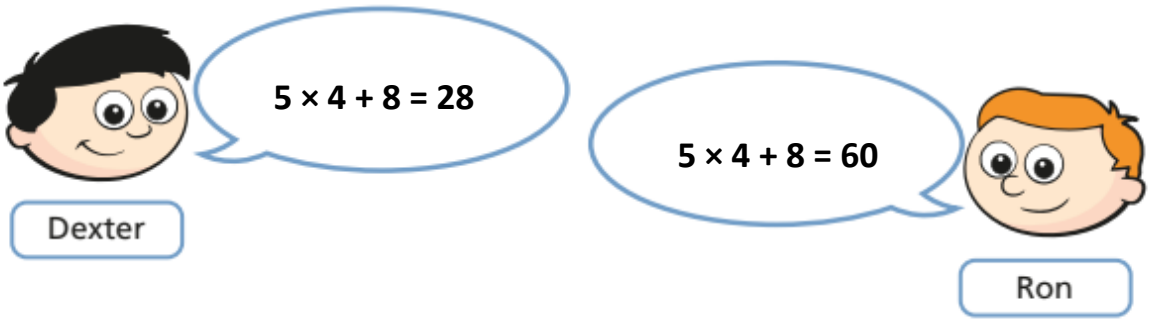
b) $70 - 20 \div 6 + 4 = 68$

c) $5 \times 16 + 4 \div 2 \times 3 = 150$

Q4: Layan works at a store. She earns $4 per hour.
She works on weekdays for 6 hours a day.
After working for 5 weeks, he will get an extra bonus of $50.
How much will she earn in 5 weeks?

$_____

Q5: Dexter and Ron are completing the same calculation.



Who is correct? _____

Explain your answer.

_____

Q6: Omar goes shopping with £50.

She spends £12 on a toy and buys 3 shirts each costing £8.

Tick the calculations that show how much money she has left in pounds.

$50 - (12 + 3 \times 8)$	$50 - 3 - 12 \times 8$
$(50 - 12) \times 3 + 8$	$50 - 12 - 3 \times 8$
$50 - (12 + 3) - 8$	$50 - 12 - 3 - 8$

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