



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI – 110034

SUBJECT:-MATHEMATICS

CLASS-7

Revision Assignment

STEP 1:-GUIDELINES

We have learnt the concepts of Integers and Fractions and Decimals. So let us revise it through this practice assignment .

Attempt the questions given below in your practice notebook.

(The practice assignments are attached)

Topic : INTEGERS

BBPS, PITAMPURA

1. Fill in the blanks:

(a) $30 \div \underline{\hspace{2cm}} = 3$

(b) $-89 \div \underline{\hspace{2cm}} = 89$

(c) $\underline{\hspace{2cm}} \div 1 = -205$

(d) $\underline{\hspace{2cm}} \times (-12) = 120$

(e) $24 + 12 \div 4 - 5 \times 3 = \underline{\hspace{2cm}}$

2. Find the value of P, if $p \times (-9) = 135$

3. The additive inverse of zero (0) is .

4. Match the properties of Integers :

(a) Distributive law over addition

(i) $a + 0 = a = 0 + a$

(b) Associative law for multiplication

(ii) $a + b = b + a$

(c) Additive Identity

(iii) $(a \times b) \times c = a \times (b \times c)$

(d) Commutative law over addition

(iv) $a \times 1 = 1 \times a = a$

(e) Multiplicative Identity

(v) $a \times (b + c) = a \times b + a \times c$

5. Use the sign of $>$, $<$ or $=$ in the box to make the statement true.

(a) $25 - 40 + 10$ $25 - 40 - 10$

(b) $(-9) + (-6)$ $(-9) - (-6)$

(c) $35 + (-70) - (-35)$ $(-24) - (15) + 39$

6. Evaluate :

(a) $(-1) \times (-2) \times (-3) \times (-4) \times (-5)$

(b) $795 \times (-25) + (-795) \times 75$

(c) $(-59) \times (-19) + 59$

7. An elevator descends in to a mine shaft at the rate of 7m/min. If the descent starts from 5m above the ground level, how long will it take to reach -205m ?

8. Solve : a. $(-65) \div (-5)$ b. $(-3250) \div 13$ c. $(-100) \div (-5 + 10)$

9. Write a pair of integers whose sum is (-11)

Topic : FRACTION AND DECIMALS

1. (a) $\frac{1}{2} + \frac{2}{3} = \boxed{}$

(b) $\frac{5}{7} - \frac{2}{3} = \boxed{}$

2. (a) $\frac{2}{3} \times \frac{5}{7} = \boxed{}$

(b) $\frac{2}{3} \times \frac{9}{20} = \boxed{}$

3. The two-third of 42 is _____.

4. Find the missing number :

(a) $3\frac{3}{4} + \boxed{} = 4$

(b) $12 - 2\frac{3}{4} = \frac{\boxed{}}{4}$

5. Divide $\frac{15}{24}$ by $\frac{3}{4}$.

6. Karim had 20 toffees. He took these toffees with him to a picnic with four of his friends. Karim along with friends, shared these toffees equally. How many toffees did each one get?

7. How long is 88.6km than 48 km?

8. If cost of 20 pens is ₹ 356.80, then find the cost of a pen.

9. Kartikeya bought 5 kg 500g apples and 3 kg 250g of oranges. Shivani bought 4kg 200g mangoes and 4kg 500g guavas. Who bought more fruits and how much?

10. Express in kg:

(a) 4730g

(b) 8kg 4g

11. Simplify :

1. $0.55 + 0.05 = \underline{\hspace{2cm}}$ 2. $0.66 + 0.03 = \underline{\hspace{2cm}}$

3. $0.63 + 0.07 = \underline{\hspace{2cm}}$ 4. $0.75 + 0.025 = \underline{\hspace{2cm}}$

5. $0.48 + 0.01 = \underline{\hspace{2cm}}$ 6. $0.56 + 0.02 = \underline{\hspace{2cm}}$

7. $0.42 + 0.07 = \underline{\hspace{2cm}}$ 8. $0.81 + 0.09 = \underline{\hspace{2cm}}$

12.

1. Fill in the blanks:

(Fill in the blank spaces of the multiplication of a decimal by 10 or higher power of 10)

(a) $7.3 \times 10 =$ _____

(b) $41.7 \times 10 =$ _____

(c) $11.51 \times 10 =$ _____

(d) $801.05 \times 10 =$ _____

(e) $17.1 \times 100 =$ _____

(f) $315.8 \times 100 =$ _____

(g) $9.63 \times 100 =$ _____

(h) $80.34 \times 100 =$ _____

2. Find the product of a decimal by a whole number:

(a) $0.09 \times 17 = ?$

(b) $0.8 \times 64 = ?$

(c) $1.23 \times 5 = ?$

(d) $31.2 \times 7 = ?$

(e) $102.03 \times 4 = ?$

(f) $0.18 \times 13 = ?$

3. Find the product of a decimal by a decimal number:

(a) 5.1 and 3.7

(b) 5.06 and 7.1

(c) 0.73 and 0.33

(d) 0.214 and 5.1

(e) 4.36 and 0.03

(f) 1.16 and 1.65

(g) 0.002 and 0.081