

CLASS: VIII

MATHS

REVISION ASSIGNMENT

Qs 1: Name the property used in each of the following:

a) $\frac{6}{7} + (-\frac{6}{7}) = 0 = (-\frac{6}{7}) + \frac{6}{7}$

b) $\frac{3}{4} + (-\frac{5}{6} + \frac{7}{3}) = (\frac{3}{4} + -\frac{5}{6}) + \frac{7}{3}$

c) $(-\frac{2}{7}) \times 1 = (-\frac{2}{7}) = 1 \times (-\frac{2}{7})$

d) $\frac{5}{7} \times \frac{2}{3} = \frac{2}{3} \times \frac{5}{7}$

e) $(-\frac{9}{13} + \frac{6}{7}) \times \frac{3}{5} = -\frac{9}{13} \times \frac{3}{5} + \frac{6}{7} \times \frac{3}{5}$

Qs 2: Solve: (a) $\frac{3}{7} + \frac{-5}{11} + \frac{-5}{14} + \frac{3}{11}$

Qs 3: Find the multiplicative inverse :-

(a) $-2 \times \frac{-3}{5}$ (b) $-\frac{5}{8} \times \frac{16}{15}$ (c) $-\frac{4}{11} \times \frac{22}{-6}$ (d) $-\frac{4}{-13}$

Qs 4: Solve using distributive property:-

a) $\frac{2}{7} \times (\frac{7}{16} + \frac{21}{4})$ b) $-\frac{5}{4} \times (\frac{8}{5} + \frac{16}{5})$

Qs 5: Find 5 rational number between :-

a) $-\frac{1}{2}$ and $\frac{1}{4}$ b) $\frac{1}{2}$ and $\frac{1}{5}$ c) $\frac{2}{3}$ and $\frac{3}{4}$

Qs 6: Represent the following on number line:

a) $(-\frac{1}{4} \times \frac{8}{2})$ b) $\frac{4}{5} \times \frac{15}{16}$

Qs 7: Solve and verify:

a) $5x - (3x - 1) = x - 4$

b) $\frac{3}{5}x + 1 = \frac{2}{5} - 3x$

c) $9.8x - 13.8 = 2.7 - \frac{1}{5}x$

d) $5x + 2 - 3(x + 2) = -2(x + 1) + 5(x - 2)$

e) $3m + \frac{1}{2} = \frac{3}{8} + m$

f) $x + 2(x - 1) = \frac{5}{2}$

g) $0.3(6 + m) = 0.4(8 - m)$

Qs 8: Reema's mother is four times as old as Reema. After 5 years, her mother will be 3 times as old as she will be then. Find their present ages.

Qs 9: 70 coins of 10p. and 50p. are kept in a purse. If the total value of the money in the purse is Rs 19. Find the number of each type of coins.

Qs 10: One fifth of a number increased by 5 is equal to 4 less than the one-fourth of that number. Find the number.

Qs 11: Manav has a small box with Rs 740 in coins of denominations Rs 1, Rs 2 and Rs 5. If the no. of coins of denominations of Rs 2 are 3 times the no. of coins of Rs 1 and the no. of coins of denomination of Rs 5 are twice the no. of coins of Rs 2, how many coins of each denomination does Manav have?

Qs 12: Sum of three consecutive multiples of 7 is 777. Find these multiples.

$\frac{7}{15} \times \frac{1}{15}$