GOLDEN DAYS UNIVERSAL SCHOOL

ASSIGNMENT-1 (2020-21)

Class:- VIII Div:-____ SUBJECT- Maths Date:- / /2020

Q.1 Multiple Choice Questions (MCQ)

1. If $x - \frac{1}{2} = \frac{1}{2}$, then the value of x is

a) 4 b) $\frac{1}{4}$ C) -2 d) 1

2. If $\frac{2x}{3} - \frac{3x}{7} = \frac{15}{63}$, then value of x is

a) $\frac{-4}{21}$ b) $\frac{41}{126}$ c) -3 d) 1

Q.2) Solve the following equations:

1) 5x=2x+7 2) 5x=8+3x 3) 2x=12-4x

4) 7x-2=5x+9 5) 4-3x=-7x+8 6) 19-2x-3=6x+7-5x

7) 8x-4=3x+11 8) 12-3x-3=9-5x 9) 10+3x-7=7x+8-6x

Q.3 Solve the following equations:

1. $\frac{x}{5} + 11 = \frac{1}{15}$ 2. 5x-2=3x-4 3. $\frac{12}{7}(x - 5) = 24 + 8x$

Q.4 Solve the following Equations

1. $x + \frac{x}{2} = 3$ 2. $\frac{x}{3} - \frac{x}{4} = 1$ 3. $\frac{x}{2} + \frac{x}{3} + \frac{x}{4} = 1$

4. $\frac{3x}{7} - \frac{2x}{5} = \frac{4}{35}$ 5. $\frac{x}{3} + \frac{x}{4} + \frac{x}{5} = 1$ 6. $\frac{2x}{5} - \frac{3x}{4} = \frac{3}{10}$

7. $\frac{x}{4} - \frac{x}{5} = 2$ 8. $x + \frac{x}{3} = 4$ 9. $\frac{x}{3} + \frac{x}{18} = \frac{3}{2}$

Q.5 Solve $\frac{2}{3}(4x - 1) - (4x - \frac{1-3x}{1} = \frac{x-7}{2}$ **and verify the answer**

Q.6 Solve $\frac{x+2}{3} - \frac{x-3}{4} = 5 - \frac{x-1}{2}$ **and verify the answer**

Q.7 Solve $\frac{2x+3}{3x+4} = \frac{2x-3}{3x-2}$ **and verify the answer**