



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