Subject: - Mathematics
Topic: - Linear Equations

PRACTICE PAPER (MCQ) CBSE-7th

1. For which equation is $\frac{1}{3}$ a solution: - **Ans. (c)**

a) $\frac{2}{3}+c=\frac{2}{3}$ b) $15x=3$ c) $\frac{-1}{6}+w=\frac{1}{6}$ d) $\frac{z}{3}=\frac{-1}{9}$

2. Solve: - $2m-10=7m-15+5$ **Ans. (c)**

a) 2 b) 6 c) 0 d) -4

3. If you could divide Rina's age (x) by 8 and take away two more years, you get 5. Which equation will represent this situation? **Ans. (d)**

a) $8x+2=5$ b) $8x-2=5$ c) $\frac{x}{8}+2=5$ d) $\frac{x}{8}-2=5$

4. One – fourth of a number plus three gives four. The number is: - **Ans. (c)**

a) 16 b) 12 c) 4 d) 1

5. If three – fourth of a number is sixty, then half of the number is: - **Ans. (b)**

a) 30 b) 40 c) 80 d) 60

6. The sum of the angles of a triangle is 180°. If the three angles are $(2x+15)°$, $85°$ and $(x+20)°$, then the value of x is: - **Ans. (c)**

a) $60°$ b) $30°$ c) $20°$ d) $10°$

7. If $\frac{x}{-2}=1$, then find the sum of the values of $3x+4$ and $x+5$. **Ans. (d)**

a) 0 b) 12 c) 17 d) 1

8. What value of t would make the expressions $4t+5$ and $-t+15$ equal? **Ans. (c)**

a) 1 b) -2 c) 2 d) -1

9. If $+\frac{1}{4}=1\frac{1}{4}$, find $3z$. **Ans. (d)**

a) 12 b) $\frac{3}{4}$ c) 9 d) 3

10. If $\frac{x-2}{3}=\frac{2x-1}{3}-1$, then $x=?$ **Ans. (a)**

a) 2 b) 4 c) 6 d) 8