Subject: - Mathematics
Topic: - Linear Equations

PRACTICE PAPER (MCQ) CBSE-8th

1. A father aged 42 years has a son aged 9 years. In how many years will the age of the son be one – fourth that of the father? **Ans. (a)**

a) 2 years b) 4 years c) 1-year d) 3 years

2. Ina certain election, 375 persons voted for one or the other of the two candidates. The candidates elected had a majority of 91. How many voted for the elected candidate? **Ans. (c)**

a) 240 b) 230 c) 233 d) 250

3. A boy gets three marks for each correct answer and loses 2 marks for each incorrect answer. He does 24 sums and obtains 37 marks. How many answers were correct? **Ans. (c)**

a) 15 b) 20 c) 17 d) 13

4. 15 years from now, Ravi's age will be 4 times his present age. What is Ravi's present age? **Ans. (b)**

a) 4 years b) 5 years c) 6 years d) 3 years

5. If the sum of three consecutive integers is 51, then the largest number is: -

a) 16 b) 17 c) 18 d) 19 **Ans. (c)**

6. Sum of digits of a two-digit number is 8. If the number obtained by reversing the digits is 18 more than the original number. The original number is: - **Ans. (a)**

a) 35 b) 53 c) 26 d) 62

7. the value of x for which $\frac{2x-3}{3x+2} = -\frac{2}{3}$ is: - **Ans. (d)**

a) $\frac{5}{10}$ b) $\frac{5}{11}$ c) $\frac{11}{5}$ d) $\frac{5}{12}$

8. Arjun is twice as old as Shreya. If 5 years ago, his age was 3 times Shreya's age. The Arjun's present age is: - **Ans. (c)**

a) 10 years b) 15 years c) 20 years d) 25 years

9. What should be added to twice the rational number $-\frac{7}{3}$ to get $\frac{3}{7}$? **Ans. (d)**

a) $\frac{58}{21}$ b) $\frac{29}{21}$ c) $\frac{89}{21}$ d) $\frac{107}{21}$

10. The ratio of the present ages of two brothers is 3 : 2. Five years back, the ratio of their ages was 2 : 1. The ratio of the ages after five years will be: - **Ans. (b)**

a) 3 : 4 b) 4 : 3 c) 5 : 4 d) 5 : 3