

AMITY INTERNATIONAL SCHOOL , VASUNDHARA 6
LIVE WORKSHEET – MCQ'S
LINEAR EQUATION IN ONE VARIABLE(CLASS 8)

1. Which of the following is not a linear equation in one variable?
 - A. $33z + 5 = 7$
 - B. $33 (x + y) = 5$
 - C. $33x + 5 = 9$
 - D. $33y + 5 = 6$

2. The solution of $2x-3=7$ is:
 - A. 5
 - B. 7
 - C. 12
 - D. 11

3. The solution of $2y + 9 = 4$ is:
 - A. $9/2$
 - B. $4/9$
 - C. $-2/5$
 - D. $-5/2$

4. The perimeter of the rectangle is 20 cm. If the length of the rectangle is 6 cm, then its breadth will be:
 - A. 4 cm
 - B. 6 cm
 - C. 10 cm
 - D. 14 cm

5. The age of the father is three times the age of the son. If the age of the son is 15 years old, then the age of the father is:
 - A. 50 years
 - B. 55 years
 - C. 40 years
 - D. 45 years

6. The difference between two whole numbers is 66. The ratio of the two numbers is 2: 5. The two numbers are:

- A. 60 and 6
- B. 100 and 33
- C. 110 and 44
- D. 99 and 33

7. Three consecutive integers add up to 51. The integers are:

- A. 16,17,18
- B. 15,16,17
- C. 17,18,19
- D. 18,19,20

8. The solution for $3m = 5m - (8/5)$ is:

- A. $8/5$
- B. $\frac{4}{5}$
- C. $5/4$
- D. $4/3$

9. The standard form of a linear equation in one variable x is :

- (a) $ax + b = 0$
- (b) $ax^2 + bx + c = 0$
- (c) $ax^3 + bx^2 + cx + d = 0$
- (d) $ax^4 + bx^3 + cx^2 + dx + e = 0$.

10. The statement 'on adding 10 in a number, the number becomes 20' in the form of an equation is :

- (a) $x - 10 = 20$
- (b) $x + 10 = 20$
- (c) $10x = 20$
- (d) $x/10 = 20$.
