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. $-\frac{2}{5}$

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

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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. ⅘

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) $x/10 = 20$.

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