Jindal Adarsh Vidyalaya Vijayanagar

NAME OF THE STUDENT: **CLASS/ SECTION :**

Date:

1. Which of the following is not a linear equation in one variable?

A. 33z+5 = 0

B. 33(x + y) = 0

C. 33x+5 = 0

D. 33y+5 = 0

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. -⅖

D. -5/2

4. The solution of y/5 = 10 is:

A. 15

B. 10

C. 50

D. 5

LIVEWORKSHEETS

5. What should be added to -7/3 to get 3/7?

A. 21/58

B. 58/21

C. 47/21

D. 50/21

6. The perimeter of the rectangle is 20cm. If the length of the rectangle is 6cm, then its breadth will be:

A. 4 cm

B. 6 cm

C. 10 cm

D. 14 cm

7. 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

8. 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

LIVEWORKSHEETS

9. 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

10. The solution for 3m = 5m – (8/5) is:

A. 8/5

B. ⅘

C. 5/4

D. 4/3

11 Solve the following equations.

$14y - 8 = 13$

$14y - 8 = 13$

$14y = \square + \square$

$14y = \square$

$y = \frac{\square}{\square}$

$y = \frac{3}{2}$

LIVEWORKSHEETS

12. Solve the following equation

$2x - 1 = 14 - x$

$2x = \square - x + \square$

$2x = -x + \square$.

$2x + \square = 15$

$\square = 15$

$x = \frac{\square}{\square}$

$x = 5$

13. Solve the following equations.

$x - 2 = 7$

$x - 2 = 7$

$x = 7 + \square$

$x = \square$

LIVEWORKSHEETS

14. Solve the following equations and check your results.

$3x = 2x + 18$

$3x = 2x + 18$

$3x - \square = 18$

$\square = 18$

Check:-

L.H.S	**R.H.S**
$3x$	$2x + 18$
$= 3 \times \square = \square$	$= 2 \times \square + 18 = \square + 18 = \square$

$\therefore$ LHS = RHS

Hence Verified.

Grade 8th

Worksheet

Done by

B Thippanna . Math Teacher @JAV

LIVEWORKSHEETS