

ASSIGNMENT – LESSON 36-3 (65 marks)

Fill the boxes

1. $2x = 8$

$$\frac{2x}{\boxed{}} = \frac{8}{\boxed{}}$$

$$x = 4$$

2. $3x = 15$

$$\frac{3x}{\boxed{}} = \frac{15}{\boxed{}}$$

$$x = 5$$

3. $7x = 14$

$$\frac{7x}{\boxed{}} = \frac{14}{\boxed{}}$$

$$x = 2$$

4. $8x = 40$

$$\frac{8x}{\boxed{}} = \frac{40}{\boxed{}}$$

$$x = 5$$

5. $10x = 90$

$$\frac{10x}{\boxed{}} = \frac{90}{\boxed{}}$$

$$x = 9$$

6. $-6x = 42$

$$\begin{array}{r} -6x \\ - \overline{} \end{array} = \begin{array}{r} 42 \\ - \overline{} \end{array}$$

$$x = -7$$

7. $-2x = 16$

$$\begin{array}{r} -2x \\ - \overline{} \end{array} = \begin{array}{r} 16 \\ - \overline{} \end{array}$$

$$x = -8$$

8. $-4x = 40$

$$\begin{array}{r} -4x \\ - \overline{} \end{array} = \begin{array}{r} 40 \\ - \overline{} \end{array}$$

$$x = -10$$

9. $-12x = 36$

$$\begin{array}{r} -12x \\ - \overline{} \end{array} = \begin{array}{r} 36 \\ - \overline{} \end{array}$$

$$x = -3$$

10. $-11x = 55$

$$\begin{array}{r} -11x \\ - \overline{} \end{array} = \begin{array}{r} 55 \\ - \overline{} \end{array}$$

$$x = -5$$

11. $9x = -27$

$$\frac{9x}{\boxed{}} = \frac{-27}{\boxed{}}$$

$$x = -3$$

12. $10x = -100$

$$\frac{10x}{\boxed{}} = \frac{-100}{\boxed{}}$$

$$x = -10$$

13. $13x = -39$

$$\frac{13x}{\boxed{}} = \frac{-39}{\boxed{}}$$

$$x = -3$$

14. $x = -6$

$$\frac{x}{\boxed{}} = \frac{-6}{\boxed{}}$$

15. $12x = -48$

$$\frac{12x}{\boxed{}} = \frac{-48}{\boxed{}}$$

$$x = -4$$

16. $-14x = -28$

$$\begin{array}{r} -14x \\ - \overline{\square} \end{array} = \begin{array}{r} -28 \\ - \overline{\square} \end{array}$$

$$x = 2$$

17. $-20x = -60$

$$\begin{array}{r} -20x \\ - \overline{\square} \end{array} = \begin{array}{r} -60 \\ - \overline{\square} \end{array}$$

$$x = 3$$

18. $-4x = -28$

$$\begin{array}{r} -4x \\ - \overline{\square} \end{array} = \begin{array}{r} -28 \\ - \overline{\square} \end{array}$$

$$x = 7$$

19. $-16x = -32$

$$\begin{array}{r} -16x \\ - \overline{\square} \end{array} = \begin{array}{r} -32 \\ - \overline{\square} \end{array}$$

$$x = 2$$

20. $-5x = -50$

$$\begin{array}{r} -5x \\ - \overline{\square} \end{array} = \begin{array}{r} -50 \\ - \overline{\square} \end{array}$$

$$x = 10$$

21. $-5x = -55$

$$\frac{-5x}{-5} = \frac{-55}{-5}$$

$$x = \boxed{}$$

22. $-9x = 99$

$$\frac{-9x}{-9} = \frac{99}{-9}$$

$$x = -\boxed{}$$

23. $2x = -12$

$$\frac{2x}{2} = \frac{-12}{2}$$

$$x = -\boxed{}$$

24. $11x = 22$

$$\frac{11x}{11} = \frac{22}{11}$$

$$x = \boxed{}$$

25. $18x = 36$

$$\frac{18x}{18} = \frac{36}{18}$$

$$x = \boxed{}$$

26. $-4x = -24$

$x =$

27. $-3x = 24$

$x = -$

28. $5x = -25$

$x = -$

29. $8x = 32$

$x =$

30. $9x = 54$

$x =$

31. $12x = 60$

$x =$

32. $x = 300$

$x =$

33. $4x = -64$

$x = -$

34. $7x = -49$

$x = -$

35. $-5x = -45$

$x =$
