Math Practice - Grade 6

M9 Equations and inequalities - Solve p times x = q

M9 6.EE.B.5, 6.EE.B.6, 6.EE.B.7, 6.EE.B.8

Name: _____ Date: _____

Solve the equation. Write the value of x in the box.

Example: Solve 12x = 24.

How: Undo the multiplication by dividing both sides by the same number. What you do to one side, you must do to the other.

$12x = 24 \quad x =$ 2

1 **Solve 7x = 63.**

$7x = 63 \quad x =$ ☐

2 **Solve 6x = 66.**

$6x = 66 \quad x =$ ☐

3 **Solve 10x = 40.**

$10x = 40 \quad x =$ ☐

4 **Solve 4x = 20.**

$4x = 20 \quad x =$ ☐

5 **Solve 9x = 90.**

$9x = 90 \quad x =$ ☐

6 **Solve 2x = 12.**

$2x = 12 \quad x =$ ☐

7 **Solve 9x = 27.**

$9x = 27 \quad x =$ ☐

8 **Solve 9x = 99.**

$9x = 99 \quad x =$ ☐

9 **Solve 12x = 144.**

$12x = 144 \quad x =$ ☐

10 **Solve 6x = 18.**

$6x = 18 \quad x =$ ☐

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Solve the equation. Write the value of x in the box.

Example: Solve 5x = 40.

How: Undo the multiplication by dividing both sides by the same number. What you do to one side, you must do to the other.

$5x = 40 \quad x =$ 8

1 **Solve 9x = 63.**

$9x = 63 \quad x =$ ☐

2 **Solve 12x = 108.**

$12x = 108 \quad x =$ ☐

3 **Solve 6x = 60.**

$6x = 60 \quad x =$ ☐

4 **Solve 3x = 15.**

$3x = 15 \quad x =$ ☐

5 **Solve 11x = 132.**

$11x = 132 \quad x =$ ☐

6 **Solve 4x = 28.**

$4x = 28 \quad x =$ ☐

7 **Solve 7x = 35.**

$7x = 35 \quad x =$ ☐

8 **Solve 11x = 99.**

$11x = 99 \quad x =$ ☐

9 **Solve 2x = 10.**

$2x = 10 \quad x =$ ☐

10 **Solve 5x = 55.**

$5x = 55 \quad x =$ ☐

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Name: _____ Date: _____

Solve the equation. Write the value of x in the box.

Example: Solve 8x = 40.

How: Undo the multiplication by dividing both sides by the same number. What you do to one side, you must do to the other.

$8x = 40 \quad x =$ 5

1 **Solve 4x = 8.**

$4x = 8 \quad x =$ ☐

2 **Solve 5x = 25.**

$5x = 25 \quad x =$ ☐

3 **Solve 11x = 66.**

$11x = 66 \quad x =$ ☐

4 **Solve 4x = 28.**

$4x = 28 \quad x =$ ☐

5 **Solve 8x = 72.**

$8x = 72 \quad x =$ ☐

6 **Solve 6x = 54.**

$6x = 54 \quad x =$ ☐

7 **Solve 7x = 49.**

$7x = 49 \quad x =$ ☐

8 **Solve 9x = 45.**

$9x = 45 \quad x =$ ☐

9 **Solve 2x = 14.**

$2x = 14 \quad x =$ ☐

10 **Solve 6x = 24.**

$6x = 24 \quad x =$ ☐