Math Practice - Grade 6

M9 Equations and inequalities

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

Name: _____ Date: _____

Test whether the number is a solution. Solve the equation. Write the inequality the words describe and graph it on the number line.

1 **Is 10 a solution of x + 1 = 8? Circle Yes or No.**

$10 + 1 = 11 \quad x + 1 = 8$

Yes No

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2 **Solve x + 4 = 18.**

$x + 4 = 18 \quad x =$ ☐

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3 **Solve 6x = 66.**

$6x = 66 \quad x =$ ☐

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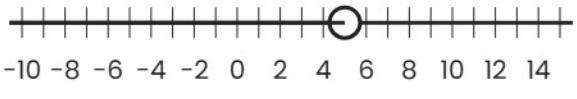
4 **Write the inequality the words describe: x is less than 5.**



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Math Practice - Grade 6

M9 Equations and inequalities

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

Name: _____ Date: _____

Test whether the number is a solution. Solve the equation. Write the inequality the words describe and graph it on the number line.

1 **Is 4 a solution of x + 11 = 13? Circle Yes or No.**

$4 + 11 = 15$ $x + 11 = 13$

Yes No

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2 **Solve x + 1 = 13.**

$x + 1 = 13$ $x =$ ☐

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3 **Solve 10x = 70.**

$10x = 70$ $x =$ ☐

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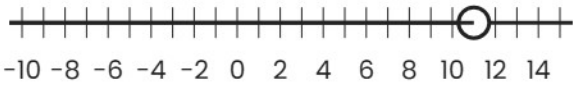
4 **Write the inequality the words describe: x is less than 11.**



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Math Practice - Grade 6

M9 Equations and inequalities

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

Name: _____ Date: _____

Test whether the number is a solution. Solve the equation. Write the inequality the words describe and graph it on the number line.

1 **Is 4 a solution of x + 2 = 6? Circle Yes or No.**

$4 + 2 = 6$ $x + 2 = 6$

Yes No

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2 **Solve x + 1 = 3.**

$x + 1 = 3$ $x =$ ☐

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3 **Solve 8x = 64.**

$8x = 64$ $x =$ ☐

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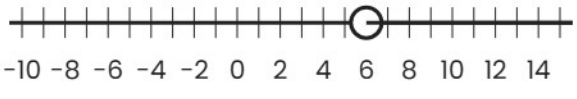
4 **Write the inequality the words describe: x is greater than 6.**



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