

NAME _____

Section 1.3

ALGEBRA

Date _____ Period _____

Solving Two Step Equations : Practice B

Directions: Solve the equations below – use the “training wheels” to help you if you need them

<p>1. $4r + 2 = 10$</p> <ul style="list-style-type: none"> - can you combine like terms on the LHS? _____ (do it!) - can you combine like terms on the RHS? _____ (do it!) - is there a variable on both sides? _____ (bring it over to one side!) - what side of the new equation is the variable on? _____ - Is there a number being added or subtracted to THAT side? _____ (get rid of it! Do the opposite.) - Is there a number “next to” the variable? _____ (get rid of it! Divide) - Circle your answer! 	
<p>2. $5 + 2f = 17$</p> <p>LHS? _____</p> <p>Both? _____</p> <p>RHS? _____</p> <p>Side? _____</p> <p>+/- #? _____</p> <p>#x? _____</p>	<p>21. $10m = 100 - 10$</p> <p>LHS? _____</p> <p>RHS? _____</p> <p>Both? _____</p> <p>Side? _____</p> <p>+/- #? _____</p> <p>#x? _____</p>
<p>3. $-3 + 2y = y + 10$</p> <p>LHS? _____</p> <p>RHS? _____</p> <p>Both? _____</p> <p>Side? _____</p> <p>+/- #? _____</p> <p>#x? _____</p>	<p>4. $5 + x = 2x - 3$</p> <p>LHS? _____</p> <p>RHS? _____</p> <p>Both? _____</p> <p>Side? _____</p> <p>+/- #? _____</p> <p>#x? _____</p>
<p>5. $-8g + 1 = 17$</p> <p>LHS? _____</p> <p>RHS? _____</p> <p>Both? _____</p> <p>Side? _____</p> <p>+/- #? _____</p> <p>#x? _____</p>	<p>6. $10b - 2 = 4 + 14$</p> <p>LHS? _____</p> <p>RHS? _____</p> <p>Both? _____</p> <p>Side? _____</p> <p>+/- #? _____</p> <p>#x? _____</p>

<p>7. $4 + 4m = 13 + m$</p> <p>LHS? _____ RHS? _____ Both? _____ Side? _____ +/- #? _____ #x? _____</p>	<p>8. $25q + 50 = 175$</p> <p>LHS? _____ RHS? _____ Both? _____ Side? _____ +/- #? _____ #x? _____</p>
<p>9. $-4s + 10 = -2s$</p> <p>LHS? _____ RHS? _____ Both? _____ Side? _____ +/- #? _____ #x? _____</p>	<p>10. $-14h = 28$</p> <p>LHS? _____ RHS? _____ Both? _____ Side? _____ +/- #? _____ #x? _____</p>
<p>11. $b + 1 = -3 - ^{-}2$</p> <p>LHS? _____ RHS? _____ Both? _____ Side? _____ +/- #? _____ #x? _____</p>	<p>12. $4 + z + 2 = 20 + 2z$</p> <p>LHS? _____ RHS? _____ Both? _____ Side? _____ +/- #? _____ #x? _____</p>
<p>13. $8y = -16$</p> <p>LHS? _____ RHS? _____ Both? _____ Side? _____ +/- #? _____ #x? _____</p>	<p>14. $4 + 7 = -q$</p> <p>LHS? _____ RHS? _____ Both? _____ Side? _____ +/- #? _____ #x? _____</p>
<p>15. $x + x + x = 3$</p> <p>LHS? _____ RHS? _____ Both? _____ Side? _____ +/- #? _____ #x? _____</p>	<p>16. $4r + 3 = 27 - 2r$</p> <p>LHS? _____ RHS? _____ Both? _____ Side? _____ +/- #? _____ #x? _____</p>