(A) ALGEBRA: Linear equations with unknowns on both side Copy and complete each problem into your exercise book and solve for the variable. Show all your working. Set your working out clearly and neatly as you have been taught!		sides	Name: Date: http://www.learnersgrid.com		
[1]	20m + 2 = 23m - 46	[2]	21m - 12 = 14m + 142		
[3]	38m + 1 = 44m - 203	[4]	32m - 18 = 21m + 444		
Round you	ir answers to the below equations to 1 d.p.				
[5]	48.8m + 1 = 51.8m - 133.4	[6]	20m - 8 = 12m + 391.2		
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ANSWERS

(A) ALGEBRA: Linear equations with unknowns on both sides

Copy and complete each problem into your exercise book and solve for the variable. *Show all your working. Set your working out clearly and neatly as you have been taught!*





Date: http://www.learnersgrid.com

[2]

21 <i>m</i>	- 12 + <i>1</i> 2	=	14 <i>m</i>	+ +	142 <u>12</u>
21 m - 14m		=	14 <i>m</i> - <i>14m</i>	+	154
	<u>7m</u> 7	=	<u>154</u> 7		
	т	=	22]	

[3] 38 m 44 m - 203 1 + = + 203 + 203 38 m 204 44 m + = - 38m - 38m <u>204</u> 6 = 6m 6 34 m = = 34 т

[4]					
32 m	- 18	=	21 <i>m</i>	+	444
	+ 18			+	18
32 m		=	21 <i>m</i>	+	462
- 21m			- 21m		
	<u>11m</u>	=	462	_	
	т	=	42		
				•	

[5]

33.4 3 <i>3.4</i>

[6]

-1					
20.0 <i>m</i>	- 8.0	=	12.0 <i>m</i>	+	391.2
	+ 8.0				+ 8.0
20.0 <i>m</i>		=	12.0 <i>m</i>	+	399.2
- 12m			- 12m		
	8m	_	399.2		
	8	_	8		
	m	_	49 9	٦	
	m	-	ч <i>л</i> , у		