

Math Sheet

Name _____ Score _____ / 60 Teacher _____ Date _____

Linear function tables

Compute each output. Use exact decimals when possible; otherwise round to the nearest thousandth and mark the answer approximate.

1. $y = x - 3$

x	y
-4	
-9	
2	
6	
-1	

2. $y = (-1/5)x + 3$

x	y
-4	
-1	
0	
5	
1	

3. $y = 2x + 9$

x	y
2	
9	
5	
1	
4	

4. $y = (1/3)x + 7$

x	y
9	
-7	
7	
-3	
-2	

5. $y = 6x$

x	y
-8	
9	
3	
7	
-5	

6. $y = -2x$

x	y
9	
7	
-5	
-8	
-4	

7. $y = 9x + 5$

x	y
2	
4	
8	
1	
3	

8. $y = -9x$

x	y
0	
-5	
7	
-3	
-2	

9. $y = (-1/9)x - 3$

x	y
8	
5	
9	
2	
1	

10. $y = 3x + 9$

x	y
0	
-3	
-8	
-5	
1	

11. $y = x + 4$

x	y
-2	
5	
3	
1	
4	

12. $y = x - 4$

x	y
-5	
5	
1	
9	
-3	

Math Sheet

Name _____ Score _____ / 60 Teacher _____ Date _____

Linear function tables

Answer key

Compute each output. Use exact decimals when possible; otherwise round to the nearest thousandth and mark the answer approximate.

1. $y = x - 3$

x	y
-4	-7
-9	-12
2	-1
6	3
-1	-4

2. $y = (-1/5)x + 3$

x	y
-4	3.8
-1	3.2
0	3
5	2
1	2.8

3. $y = 2x + 9$

x	y
2	13
9	27
5	19
1	11
4	17

4. $y = (1/3)x + 7$

x	y
9	10
-7	≈ 4.667
7	≈ 9.333
-3	6
-2	≈ 6.333

5. $y = 6x$

x	y
-8	-48
9	54
3	18
7	42
-5	-30

6. $y = -2x$

x	y
9	-18
7	-14
-5	10
-8	16
-4	8

7. $y = 9x + 5$

x	y
2	23
4	41
8	77
1	14
3	32

8. $y = -9x$

x	y
0	0
-5	45
7	-63
-3	27
-2	18

9. $y = (-1/9)x - 3$

x	y
8	≈ -3.889
5	≈ -3.556
9	-4
2	≈ -3.222
1	≈ -3.111

10. $y = 3x + 9$

x	y
0	9
-3	0
-8	-15
-5	-6
1	12

11. $y = x + 4$

x	y
-2	2
5	9
3	7
1	5
4	8

12. $y = x - 4$

x	y
-5	-9
5	1
1	-3
9	5
-3	-7