

Name : _____

Score : _____ ¹

Teacher : _____

Date : _____

In and Out Boxes

Fill in the Empty Boxes.

1)

In	Out
32	
33	
42	
44	

Rule: Subtract 1

2)

In	Out
32	
33	
34	
36	

Rule: Add 4

3)

In	Out
38	
40	
43	
45	

Rule: Subtract 1

4)

In	Out
33	
37	
42	
44	

Rule: Subtract 5

5)

In	34	35	37	40
Out				

Rule: Add 9

6)

In	34	38	43	45
Out				

Rule: Add 7

7)

In	32	37	38	41
Out				

Rule: Subtract 9

8)

In	30	37	39	42
Out				

Rule: Subtract 2

Write the rule and fill in the empty boxes.

9)

In	Out
31	34
33	36
42	45
44	

Rule: _____

10)

In	Out
30	33
33	
38	41
44	47

Rule: _____

11)

In	Out
30	38
38	46
42	
43	51

Rule: _____

12)

In	Out
32	38
40	46
41	
44	50

Rule: _____

13)

In	35	36	40	42
Out		29	33	35

Rule: _____

14)

In	33	36	37	45
Out	27		31	39

Rule: _____



Name : _____

Score : _____ 2

Teacher : _____

Date : _____

In and Out Boxes

Fill in the Empty Boxes.

1)

In	Out
24	
46	
64	
72	

Rule: Divide 2

2)

In	Out
17	
18	
40	
42	

Rule: Multiply 3

3)

In	Out
36	
38	
39	
45	

Rule: Multiply 6

4)

In	Out
12	
23	
27	
36	

Rule: Multiply 9

5)

In	120	224	320	344
Out				

Rule: Divide 8

6)

In	34	35	39	40
Out				

Rule: Multiply 7

7)

In	55	65	95	155
Out				

Rule: Divide 5

8)

In	19	25	29	41
Out				

Rule: Multiply 4

Write the rule and fill in the empty boxes.

9)

In	Out
26	104
39	156
40	
41	164

Rule: _____

10)

In	Out
78	
102	34
105	35
120	40

Rule: _____

11)

In	Out
90	15
126	21
180	30
222	

Rule: _____

12)

In	Out
180	20
216	24
297	33
369	

Rule: _____

13)

In	42	66	70	80
Out	21	33		40

Rule: _____

14)

In	23	30	33	39
Out	161	210	231	

Rule: _____



Name : _____

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Date : _____

In and Out Boxes

Fill in the Empty Boxes.

1)

In	Out
30	
40	
42	
45	

Rule: Add 5

2)

In	Out
32	
35	
41	
45	

Rule: Add 2

3)

In	Out
32	
34	
37	
41	

Rule: Subtract 9

4)

In	Out
34	
38	
39	
42	

Rule: Add 6

5)

In	30	31	40	42
Out				

Rule: Subtract 3

6)

In	30	38	41	45
Out				

Rule: Subtract 1

7)

In	33	37	39	45
Out				

Rule: Add 5

8)

In	30	33	35	44
Out				

Rule: Add 8

Write the rule and fill in the empty boxes.

9)

In	Out
33	
35	31
38	34
45	41

Rule: _____

10)

In	Out
30	23
34	27
35	
39	32

Rule: _____

11)

In	Out
30	28
35	33
36	34
40	

Rule: _____

12)

In	Out
31	38
35	42
39	46
42	

Rule: _____

13)

In	35	40	41	44
Out	41		47	50

Rule: _____

14)

In	32	33	35	39
Out		24	26	30

Rule: _____



Name : _____

Score : _____ 4

Teacher : _____

Date : _____

In and Out Boxes

Fill in the Empty Boxes.

1)

In	Out
11	
13	
14	
36	

Rule: Multiply 5

2)

In	Out
18	
24	
27	
32	

Rule: Multiply 8

3)

In	Out
22	
38	
46	
90	

Rule: Divide 2

4)

In	Out
13	
17	
20	
41	

Rule: Multiply 7

5)

In	16	34	38	41
Out				

Rule: Multiply 4

6)

In	16	19	24	27
Out				

Rule: Multiply 5

7)

In	180	252	315	342
Out				

Rule: Divide 9

8)

In	88	128	144	176
Out				

Rule: Divide 8

Write the rule and fill in the empty boxes.

9)

In	Out
34	
36	108
37	111
41	123

Rule: _____

10)

In	Out
112	16
140	20
287	
301	43

Rule: _____

11)

In	Out
42	
72	24
93	31
105	35

Rule: _____

12)

In	Out
144	24
198	33
228	38
264	

Rule: _____

13)

In	10	18	21	29
Out		36	42	58

Rule: _____

14)

In	40	60	124	136
Out	10		31	34

Rule: _____



Name : _____

Score : _____ 5

Teacher : _____

Date : _____

Complete the function table for each equation.

1) $y = x - 9$

x	y
8	
2	
4	
1	
9	

5) $y = x + 4$

x	y
7	
4	
9	
2	
6	

9) $y = x - 4$

x	y
6	
1	
0	
2	
5	

2) $y = x - 3$

x	y
2	
3	
7	
5	
1	

6) $y = x - 5$

x	y
4	
8	
7	
6	
1	

10) $y = x - 7$

x	y
5	
6	
0	
2	
4	

3) $y = x + 7$

x	y
2	
8	
7	
5	
6	

7) $y = x - 6$

x	y
6	
3	
7	
4	
1	

11) $y = x - 8$

x	y
8	
6	
3	
7	
5	

4) $y = x + 5$

x	y
7	
3	
1	
8	
2	

8) $y = x - 2$

x	y
3	
7	
8	
6	
4	

12) $y = x + 2$

x	y
4	
1	
6	
8	
7	



Name : _____

Score : _____

Teacher : _____

Date : _____

6

Complete the function table for each equation.

1) $y = x + 6$

x	y
1	
4	
5	
3	
0	

5) $y = x + 7$

x	y
1	
7	
0	
6	
4	

9) $y = x + 5$

x	y
1	
6	
2	
5	
4	

2) $y = x + 9$

x	y
1	
7	
2	
0	
5	

6) $y = x + 3$

x	y
0	
3	
6	
5	
4	

10) $y = x - 5$

x	y
1	
0	
2	
9	
4	

3) $y = x - 6$

x	y
3	
9	
2	
7	
0	

7) $y = x + 4$

x	y
1	
9	
3	
8	
7	

11) $y = x - 9$

x	y
3	
4	
5	
9	
0	

4) $y = x + 8$

x	y
6	
3	
0	
5	
8	

8) $y = x + 2$

x	y
3	
0	
5	
9	
8	

12) $y = x - 8$

x	y
6	
8	
7	
9	
3	



Name : _____

Score : _____

Teacher : _____

Date : _____

Complete the function table for each equation.

1) $y = 8x$

x	y
3	
9	
7	
2	
8	

5) $y = 9x$

x	y
8	
9	
1	
6	
5	

9) $y = 3x$

x	y
2	
5	
1	
9	
4	

2) $y = -9x$

x	y
5	
2	
9	
0	
6	

6) $y = -4x$

x	y
1	
2	
9	
3	
8	

10) $y = 4x$

x	y
4	
2	
5	
8	
3	

3) $y = -3x$

x	y
7	
1	
4	
6	
5	

7) $y = 7x$

x	y
4	
9	
3	
5	
7	

11) $y = 6x$

x	y
6	
4	
1	
9	
5	

4) $y = 5x$

x	y
0	
5	
2	
3	
1	

8) $y = -7x$

x	y
8	
2	
9	
4	
5	

12) $y = 2x$

x	y
5	
4	
3	
2	
7	



Name : _____

Score : _____ 8

Teacher : _____

Date : _____

Complete the function table for each equation.

1) $y = 2x$

x	y
7	
3	
9	
1	
4	

5) $y = 6x$

x	y
6	
1	
9	
4	
3	

9) $y = 3x$

x	y
1	
0	
7	
6	
2	

2) $y = 9x$

x	y
8	
2	
6	
9	
5	

6) $y = 4x$

x	y
9	
7	
3	
6	
5	

10) $y = 7x$

x	y
1	
8	
2	
4	
7	

3) $y = 8x$

x	y
0	
8	
2	
4	
5	

7) $y = 7x$

x	y
6	
3	
0	
2	
1	

11) $y = 2x$

x	y
2	
8	
1	
0	
4	

4) $y = 5x$

x	y
4	
5	
7	
2	
6	

8) $y = 3x$

x	y
7	
2	
6	
9	
5	

12) $y = 6x$

x	y
1	
4	
7	
2	
8	



Name : _____

Score : _____ 9

Teacher : _____

Date : _____

Complete the function table for each equation.

1) $y = 8x + 7$

x	y
1	
7	
6	
5	
3	

5) $y = 6x + 8$

x	y
6	
1	
4	
7	
3	

9) $y = 5x + 4$

x	y
7	
2	
8	
5	
3	

2) $y = 7x + 6$

x	y
2	
6	
5	
0	
4	

6) $y = 9x + 9$

x	y
1	
6	
4	
3	
8	

10) $y = -9x - 6$

x	y
4	
7	
2	
0	
6	

3) $y = 2x + 3$

x	y
9	
5	
6	
2	
7	

7) $y = 5x - 8$

x	y
0	
1	
7	
2	
6	

11) $y = 7x - 2$

x	y
3	
4	
5	
0	
1	

4) $y = 3x - 9$

x	y
3	
9	
8	
0	
7	

8) $y = 2x - 3$

x	y
0	
7	
2	
6	
5	

12) $y = 8x - 7$

x	y
0	
5	
4	
1	
3	



Name : _____

Score : _____ 10

Teacher : _____

Date : _____

Complete the function table for each equation.

1) $y = 6x - 5$

x	y
1	
6	
2	
3	
4	

5) $y = 5x - 7$

x	y
0	
8	
1	
5	
7	

9) $y = 7x - 3$

x	y
8	
4	
1	
5	
0	

2) $y = 9x + 5$

x	y
8	
1	
7	
6	
9	

6) $y = 7x + 3$

x	y
0	
1	
8	
7	
3	

10) $y = 8x - 6$

x	y
9	
1	
2	
3	
8	

3) $y = 2x - 2$

x	y
5	
8	
3	
6	
0	

7) $y = 9x + 7$

x	y
0	
2	
7	
6	
1	

11) $y = 5x + 6$

x	y
8	
2	
7	
9	
1	

4) $y = 3x - 9$

x	y
0	
3	
1	
6	
2	

8) $y = 2x - 8$

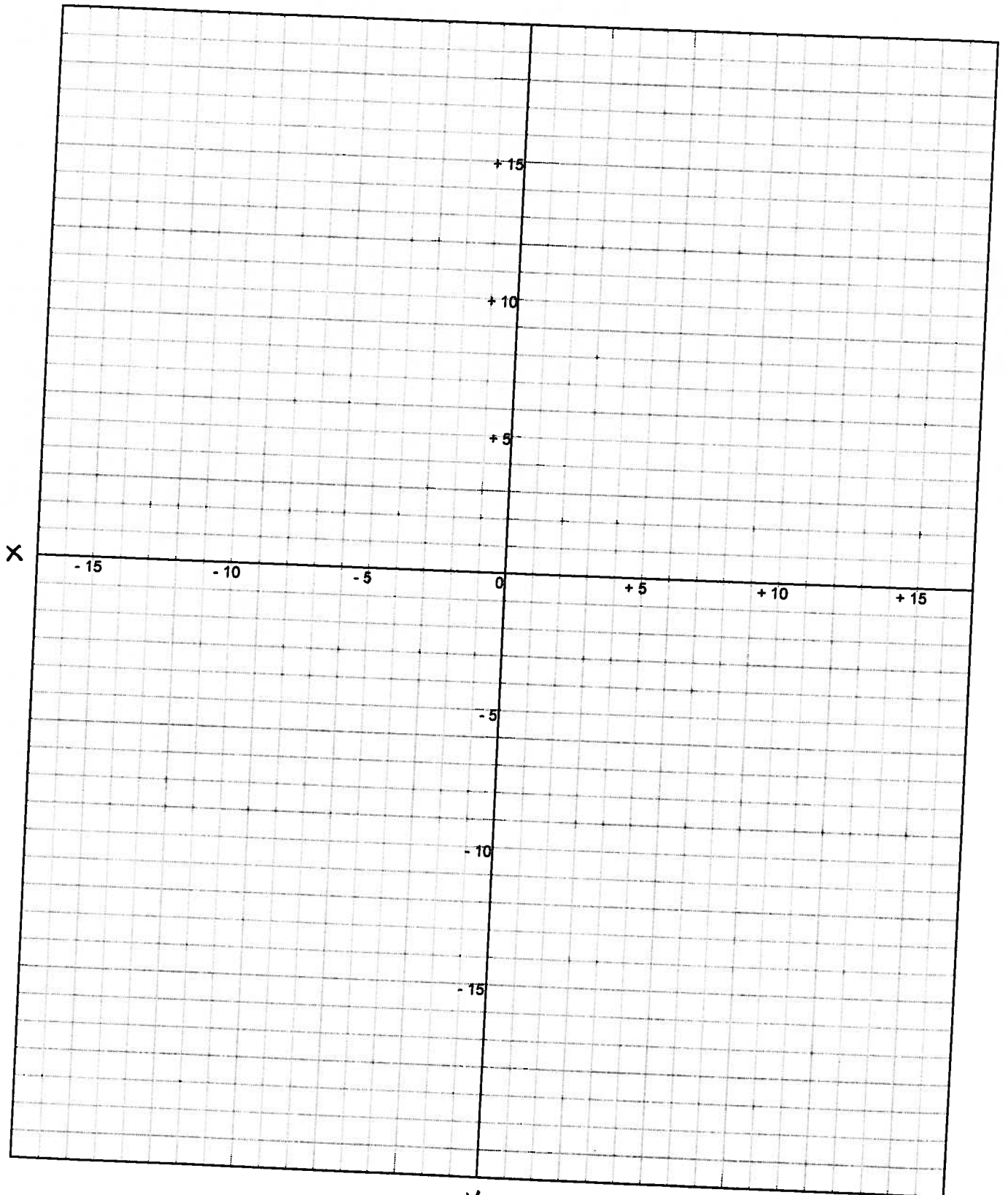
x	y
7	
3	
1	
9	
4	

12) $y = 6x - 4$

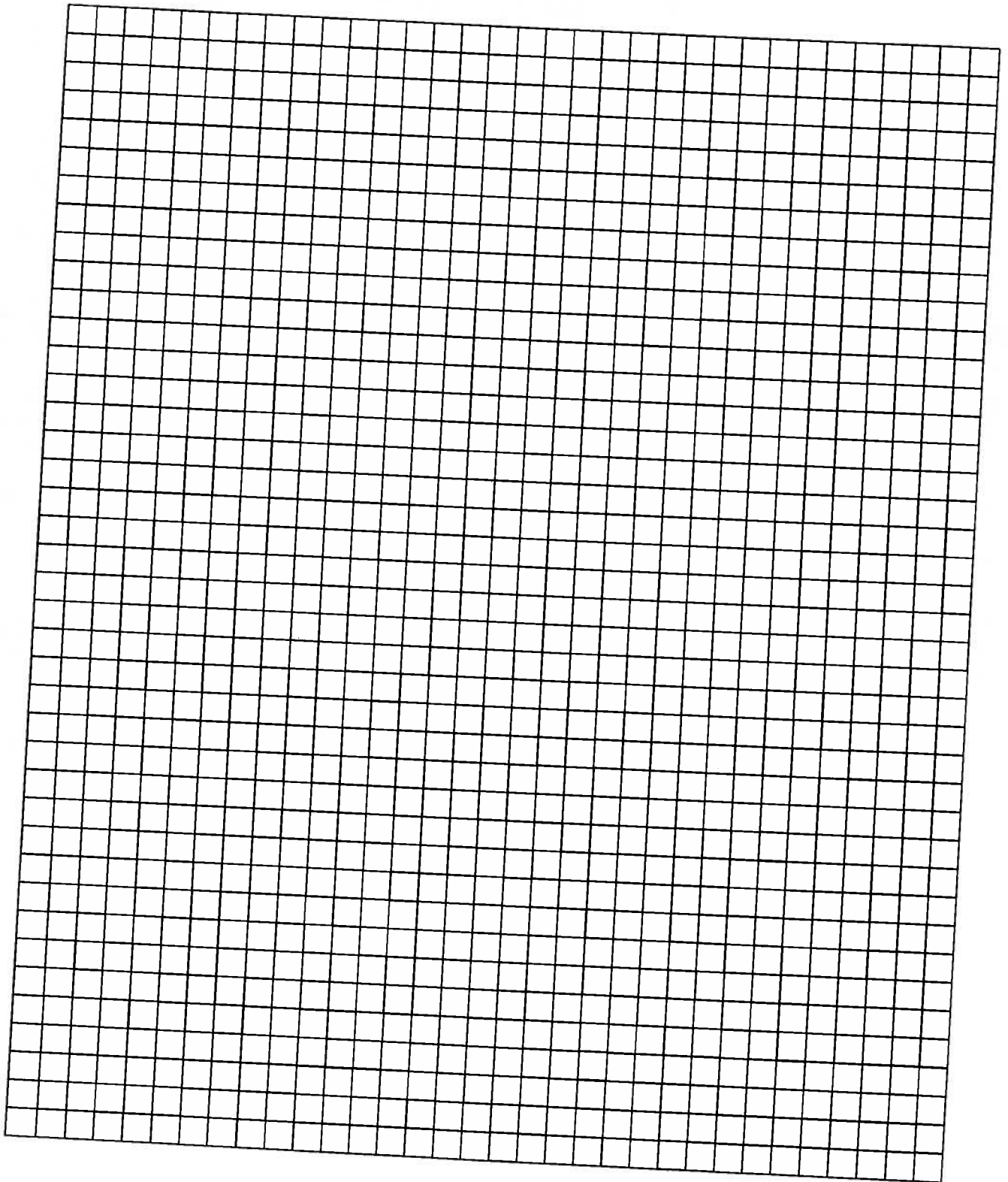
x	y
1	
7	
4	
8	
0	



Co-ordinate Grid Paper



Grid Paper (0.5 cm)



Grid Paper (1.0 cm)

