8TH GRADE TASK CARDS

FUNCTION

8TH GRADE

$$3x + 4y = 31$$
$$2x - y = 6$$

$$x = \underline{\quad\quad}, \ y = \underline{\quad\quad}$$

$$y = 7x + 10$$
$$y = 9x + 38$$

$$x = \underline{\quad\quad}, \ y = \underline{\quad\quad}$$

$$y = 3x + 2$$
$$y = 2x + 1$$

$$x = \underline{\quad\quad}, \ y = \underline{\quad\quad}$$

#4

$$2x - 4y = 10$$
$$x + y = 2$$

$$x = \_\_\_\_, y = \_\_\_\_$$

#6

$$x = 2 - 2y$$
$$4x - 3y = -14$$

$$x = \_\_\_\_, y = \_\_\_\_$$

#5

$$y = 2x + 1$$
$$3x + 2y = 9$$

$$x = \_\_\_\_, y = \_\_\_\_$$

#7

$$4a + 3b = 61$$
$$2a - b = 13$$

$$a = \_\_\_\_, b = \_\_\_\_$$

$$3x - 2y = 9$$
$$-3x + 8y = -3$$

x = _____, y = _____

$$x = 9 - 2y$$
$$x = 8y - 1$$

x = _____, y = _____

$$36v + 7w = 165$$
$$9v + w = 39$$

v = _____, w = _____

$$y = x + 7$$

x	y

#12

$$y = 3x - 3$$

x	y

#14

$$y = \frac{x}{6}$$

x	y

#13

$$y = x - 6$$

x	y

#15

$$y = \frac{x}{4} - 1$$

x	y

#16

$$y = 4x + 3$$

x	y

#18

$$y = \frac{x}{4} + 4$$

x	y

#17

$$y = (3 + x) \div 4$$

x	y

#19

$$y = 3x - 7$$

x	y

$y = x \div 12$

x	y

$(4,5)$ and $(8,3)$

$y = \underline{\hspace{3cm}}$

$(3,4)$ and $(5,8)$

$y = \underline{\hspace{3cm}}$

$(1,2)$ and $(5,10)$

$y = \underline{\hspace{3cm}}$

#24

(2,7) and (0,1)

y =_____

#26

(2,6) and (-2,4)

y =_____

#25

(2,0) and (0,3)

y =_____

#27

(1,1) and (3,5)

y =_____

(1,3) and (2,4)

y =_____

(2,13) and (1,8)

y =_____

(2,16) and (-1,7)

y =_____

TASK CARDS - ANSWERS

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

TASK CARDS - ANSWERS - GRADE 8 - FUNCTION

1 $x = -14, y = -88$

2 $x = 5, y = 4$

3 $x = -1, y = -1$

4 $x = 3, y = -1$

5 $x = 1, y = 3$

6 $x = -2, y = 2$

7 $a = 10, b = 7$

8 $x = 11/3, y = 1$

9 $v = 4, w = 3$

10 $x = 7, y = 1$

11

x	y
0	7
1	8
2	9
3	10

12

x	y
0	-3
1	0
2	3
3	6

13

x	y
0	-6
6	0
7	1
8	2

14

x	y
1	1/6
2	1/3
3	1/2
4	2/3

15

x	y
0	-1
4	0
8	1
12	2

16

x	y
1	7
2	11
3	15
4	19

17

x	y
0	3/4
1	1
3	3/2
4	7/4

18

x	y
0	4
4	5
8	6
12	7

19

x	y
0	-7
1	-4
2	-1
3	2

20

x	y
0	0
1	1/12
6	1/2
12	1

21 $y = 2x - 2$

22 $y = -1/2x + 7$

23 $y = 2x$

24 $y = 3x + 1$

25 $y = -3/2x + 3$

26 $y = 1/2x + 5$

27 $y = 2x - 1$

28 $y = x + 2$

29 $y = 3x + 10$

30 $y = 5x + 3$