

Graphing Functions

Skill 4 - 10B

Use a Function Table

Use the equation to complete the table.

$$b \text{ equals } 2 \text{ times } a$$

(you can write this equation $b = 2 \times a$ or $b = 2a$)

a	1	2	3	4	5
b	2	4	6	8	10

Use the equation to complete the table. The tables below are called *function* tables.

1.

$$b = 3 \times a$$

a	1	2	3	4	5
b	3	6			

2.

$$b = 5 \times a$$

a	1	2	3	4	5
b	5				

3.

$$d = 4 \times c$$

c	1	2	3	4	5
d	4				

4.

$$b = 2 \times a$$

a	5	6	7	8	9
b	10				

The equations are the same as above. They are in a different form. Example: $s = 3 \times r$ is the same as $s = 3r$

5.

$$s = 3r$$

r	1	2	3	4	5
s	3				

6.

$$b = 2a + 1$$

a	1	2	3	4	5
b	3	5			

7.

$$d = 3c$$

c	3	4	5	6	7
d	9				

8.

$$y = 3x + 2$$

x	1	2	3	4	5
y	5				

9.

$$b = 5a + 1$$

a	1	2	3	4	5
b					

10.

$$p = 2n + 3$$

n	1	2	3	4	5
p					

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Use a Function Table

Write the missing word on the blank line. The tables below are called _____ tables.

Use the equation to complete the table.

11.

$$b = 2a - 1$$

<i>a</i>	1	2	3	4	5
<i>b</i>	1	3			

12.

$$b = 5a - 3$$

<i>a</i>	1	2	3	4	5
<i>b</i>	2	7			

13.

$$d = 4c - 2$$

<i>c</i>	1	2	3	4	5
<i>d</i>	2	6			

14.

$$k = 2n + 7$$

<i>n</i>	5	6	7	8	9
<i>k</i>	17	19			

15.

$$s = 2r + 5$$

<i>r</i>	1	2	3	4	5
<i>s</i>	7	9			

16.

$$b = 2a + 1$$

<i>a</i>	6	7	8	9	10
<i>b</i>	13	15			

17.

$$d = 3c - 2$$

<i>c</i>	3	4	5	6	7
<i>d</i>					

18.

$$y = 2x + 3$$

<i>x</i>	1	2	3	4	5
<i>y</i>					

19.

$$p = 3n + 2$$

<i>n</i>	1	2	3	4	5
<i>p</i>					

20.

$$b = 3a - 2$$

<i>a</i>	1	2	3	4	5
<i>b</i>					

21.

$$y = 4x - 3$$

<i>x</i>	1	2	3	4	5
<i>y</i>					

22.

$$d = 5c + 1$$

<i>c</i>	3	4	5	6	7
<i>d</i>	9				

Answer Key
Skill 4 - 10B

1. $b = 3 \times a$

a	1	2	3	4	5
b	3	6	9	12	15

3. $d = 4 \times c$

c	1	2	3	4	5
d	4	8	12	16	20

5. $s = 3r$

r	1	2	3	4	5
s	3	6	9	12	15

7. $d = 3c$

c	3	4	5	6	7
d	9	12	15	18	21

9. $b = 5a + 1$

a	1	2	3	4	5
b	6	11	16	21	26

2. $b = 5 \times a$

a	1	2	3	4	5
b	5	10	15	20	25

4. $b = 2 \times a$

a	5	6	7	8	9
b	10	12	14	16	18

6. $b = 2a + 1$

a	1	2	3	4	5
b	3	5	7	9	11

8. $y = 3x + 2$

x	1	2	3	4	5
y	5	8	11	14	17

10. $p = 2n + 3$

n	1	2	3	4	5
p	5	7	9	11	13

Write the missing word on the blank line. The tables below are called function tables.

11. $b = 2a - 1$

a	1	2	3	4	5
b	1	3	5	7	9

12. $b = 5a - 3$

a	1	2	3	4	5
b	2	7	12	17	22

13. $d = 4c - 2$

c	1	2	3	4	5
d	2	6	10	14	18

14. $k = 2n + 7$

n	5	6	7	8	9
k	17	19	21	23	25

15. $s = 2r + 5$

r	1	2	3	4	5
s	7	9	11	13	15

16. $b = 2a + 1$

a	6	7	8	9	10
b	13	15	17	19	21

17. $d = 3c - 2$

c	3	4	5	6	7
d	7	10	13	16	19

18. $y = 2x + 3$

x	1	2	3	4	5
y	5	7	9	11	13

19. $p = 3n + 2$

n	1	2	3	4	5
p	5	8	11	14	17

20. $b = 3a - 2$

a	1	2	3	4	5
b	1	4	7	10	13

21. $y = 4x - 3$

x	1	2	3	4	5
y	1	5	9	13	17

22. $d = 5c + 1$

c	3	4	5	6	7
d	9	21	26	31	36