Name: _____

Slope and Equations from Tables

Use each table to find the slope and y-intercept. Then write the equation.

1.

x	−1	0	4	5
y	−3	−5	−13	−15

slope = _____ y-intercept = _____

equation: y = _____

2.

x	−2	1	3	4
y	−2	−5	−7	−8

slope = _____ y-intercept = _____

equation: y = _____

3.

x	−2	0	3	4
y	−8	−6	−3	−2

slope = _____ y-intercept = _____

equation: y = _____

4.

x	−2	−1	1	5
y	−10	−8	−4	4

slope = _____ y-intercept = _____

equation: y = _____

5.

x	−1	0	3	5
y	−2	2	14	22

slope = _____ y-intercept = _____

equation: y = _____

6.

x	−2	3	4	5
y	1	16	19	22

slope = _____ y-intercept = _____

equation: y = _____

Name: **ANSWER KEY**

Slope and Equations from Tables

Use each table to find the slope and y-intercept. Then write the equation.

1.

x	−1	0	4	5
y	−3	−5	−13	−15

slope = − 2 y-intercept = **−5**

equation: y = **−2x − 5**

2.

x	−2	1	3	4
y	−2	−5	−7	−8

slope = − 1 y-intercept = **−4**

equation: y = **−x − 4**

3.

x	−2	0	3	4
y	−8	−6	−3	−2

slope = 1 y-intercept = **−6**

equation: y = **x − 6**

4.

x	−2	−1	1	5
y	−10	−8	−4	4

slope = 2 y-intercept = **−6**

equation: y = **2x − 6**

5.

x	−1	0	3	5
y	−2	2	14	22

slope = 4 y-intercept = **2**

equation: y = **4x + 2**

6.

x	−2	3	4	5
y	1	16	19	22

slope = 3 y-intercept = **7**

equation: y = **3x + 7**