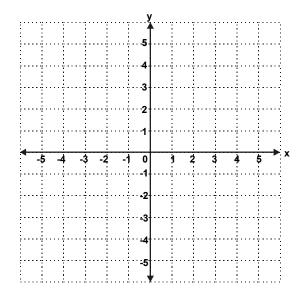
GRAPHING 2

1. Given the graph of the line, determine the following:

5 4 2 1 -5 -4 -3 -2 -1 0 2 1 3 -2 -3 ····· -4 4....

| a. x-intercept | |
|----------------|--|
| b. y-intercept | |
| c. slope | |
| d. equation | |

2. Given the equation y = 3x - 3, determine the following:



- a. x-intercept _____
- b. y-intercept _____

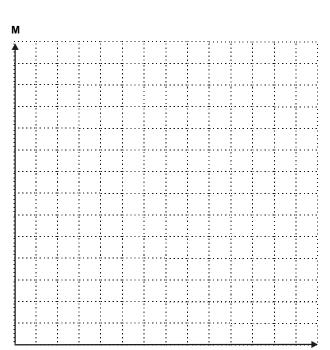
c. slope _____

d. graph _____



- 3. The weight of an object on earth, E, and its corresponding weight on the moon, M is given by the formula M = $\frac{1}{6}$ E.
 - a. Complete the table of values and graph M = $\frac{1}{6}$ E.

| E | М | |
|---|---|--|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

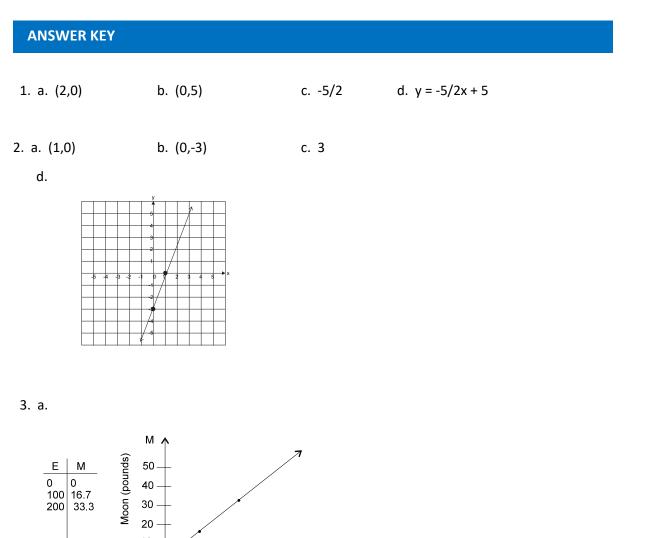


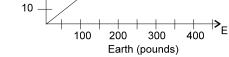
Е

- b. How much would a 120-pound woman weigh on the moon?
- c. How much would a 40-pound moon rock weigh on Earth?



MATHSHEET: GRAPHING 2





- b. 20 pounds
- c. 240 pounds

Source: Government of BC used with permission.

