

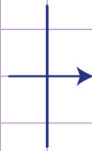
Name: Class:

Complete a table for a two-variable relationship

- a. Sherly loves collecting crystal marbles so much. Right now, she has a collection of **17 jars** of crystal marbles. She has decided to be collecting one jar of crystal marble each day. Let **d** represent the number of days and **j** represents the total number of jars of crystal marbles in her collection.

Complete the table below using the equation $j = d + 17$

d	5	7	9	11
j	22		26	



- b. The manager of a certain mall employs **5** more sales girls than cashiers. Let **c** represent the number of cashiers at the mall and **s** represents the number of sales girls at the same mall.

Complete the table below using the equation $s = c + 5$

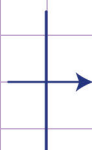
c	3	4	5	6
s		9		



- c. Alvin got employed in a cell phone manufacturing company **2 months** before Ethel. Let **e** represent the number of months Ethel has been employed and **a** represents the number of months Alvin has been employed.

Complete the table below using the equation $a = e + 2$

e	1	2	3	4
a				



Name: Class:

Complete a table for a two-variable relationship

- a. Sherly loves collecting crystal marbles so much. Right now, she has a collection of **17 jars** of crystal marbles. She has decided to be collecting one jar of crystal marble each day. Let **d** represent the number of days and **j** represents the total number of jars of crystal marbles in her collection.

Complete the table below using the equation $j = d + 17$

d	5	7	9	11
j	22	24	26	28

Solution 1

$$\begin{aligned} j &= d + 17 \\ j &= 7 + 17 \\ j &= 24 \end{aligned}$$

Solution 2

$$\begin{aligned} j &= d + 17 \\ j &= 11 + 17 \\ j &= 28 \end{aligned}$$



- b. The manager of a certain mall employs **5** more sales girls than cashiers. Let **c** represent the number of cashiers at the mall and **s** represents the number of sales girls at the same mall.

Complete the table below using the equation $s = c + 5$

c	3	4	5	6
s	8	9	10	11

Solution 1

$$\begin{aligned} s &= c + 5 \\ s &= 3 + 5 \\ s &= 8 \end{aligned}$$

Solution 2

$$\begin{aligned} s &= c + 5 \\ s &= 5 + 5 \\ s &= 10 \end{aligned}$$

Solution 3

$$\begin{aligned} s &= c + 5 \\ s &= 6 + 5 \\ s &= 11 \end{aligned}$$

- c. Alvin got employed in a cell phone manufacturing company **2 months** before Ethel. Let **e** represent the number of months Ethel has been employed and **a** represents the number of months Alvin has been employed.

Complete the table below using the equation $a = e + 2$

e	1	2	3	4
a	3	4	5	6

Solution 1

$$\begin{aligned} a &= e + 2 \\ a &= 1 + 2 \\ a &= 3 \end{aligned}$$

Solution 2

$$\begin{aligned} a &= e + 2 \\ a &= 2 + 2 \\ a &= 4 \end{aligned}$$

Solution 3

$$\begin{aligned} a &= e + 2 \\ a &= 3 + 2 \\ a &= 5 \end{aligned}$$

Solution 4

$$\begin{aligned} a &= e + 2 \\ a &= 4 + 2 \\ a &= 6 \end{aligned}$$

