mathskills4kids

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				

Solution

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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
j=d+17
j= 7+17
j= 24

Solution 2
j=d+17
j= 11+17
j= 28

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
s= c+5
s= 3+5
s= 8

Solution 2
s= c+5
s= 5+5
s= 10

Solution 3
s= c+5
s= 6+5
s= 11

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
a= e+2
a= 1+2
a= 3

Solution 2
a= e+2
a= 2+2
a= 4

Solution 3
a= e+2
a= 3+2
a= 5

Solution 4
a= e+2
a= 4+2
a= 6