

Name : \_\_\_\_\_

## Complete the Table

Sheet 1

Determine the constant of variation (k). Complete the table.

1)

$x$	15		-21	24
$y$	45	-54	-63	

---

2)

$x$	2	-3	5	
$y$	15		6	3

---

3)

$x$	-11	-4		-1
$y$		-11	-22	-44

---

4)

$x$			72	96
$y$	30	42	36	48

---

5)

$x$		-2		-4
$y$	18	-36	-54	-72

---

6)

$x$	4		8	12
$y$	24	16		8

---

7)

$x$	-3	-5	15	
$y$	-25		5	3

---

8)

$x$	-1	-4	-8	-16
$y$	-6	-24		

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Name : \_\_\_\_\_

**Answer key**

Sheet 1

**Complete the Table**

Determine the constant of variation (k). Complete the table.

1)

x	15	<b>-18</b>	-21	24
y	45	-54	-63	<b>72</b>

---


$$k = 3$$

2)

x	2	-3	5	<b>10</b>
y	15	<b>-10</b>	6	3

---


$$k = 30$$

3)

x	-11	-4	<b>-2</b>	-1
y	<b>-4</b>	-11	-22	-44

---


$$k = 44$$

4)

x	<b>60</b>	<b>84</b>	72	96
y	30	42	36	48

---


$$k = \frac{1}{2}$$

5)

x	<b>1</b>	-2	<b>-3</b>	-4
y	18	-36	-54	-72

---


$$k = 18$$

6)

x	4	<b>6</b>	8	12
y	24	16	<b>12</b>	8

---


$$k = 96$$

7)

x	-3	-5	15	<b>25</b>
y	-25	<b>-15</b>	5	3

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$$k = 75$$

8)

x	-1	-4	-8	-16
y	-6	-24	<b>-48</b>	<b>-96</b>

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$$k = 6$$