

Direct and Inverse Variation - Table

Determine whether each table represents a direct variation or an inverse variation or neither. Find the constant of variation (k).

1)

x	42	21	14	-12
y	2	4	6	-7

2)

x	-13	9	-15	7
y	-156	108	-180	84

3)

x	10
y	5

8	28	-1
7	2	-56

5)

x	12
y	4

-2	-9	4
-30	-135	60

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7)

x	-27	-18	1	9
y	-2	-3	54	6

8)

x	9	3	12	-7
y	51	31	104	-45

Direct and Inverse Variation - Table

Determine whether each table represents a direct variation or an inverse variation or neither. Find the constant of variation (k).

1)

x	42	21	14	-12
y	2	4	6	-7

2)

x	-13	9	-15	7
y	-156	108	-180	84

Inverse va**iation, $k = 12$**

3)

x	10
y	5

8	28	-1
7	2	-56

Direct va**iation, $k = 56$**

5)

x	12
y	4

-2	-9	4
-30	-135	60

Inverse va**iation, $k = 15$**

7)

x	-27	-18	1	9
y	-2	-3	54	6

8)

x	9	3	12	-7
y	51	31	104	-45

Inverse variation, $k = 54$ **Neither**

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