

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 |

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

7)

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

8)

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