Name Direct Variation Tic-Tac-Toe

Complete textbook Page 257 #30 – 38 evens on the back or on notebook paper.

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| Does the equation represent a direct variation? If so, find *k* and write the direct variation equation.    yes or no *k* =  Direct variation equation: | Does the table represent a direct variation? If so, find *k* and write the direct variation equation.   |  |  | | --- | --- | | *x* | *y* | | –2 | 1 | | –4 | 2 | | 2 | –1 | | 4 | –2 | | 6 | –3 |   yes or no *k* =  Direct variation equation: | Competitive race-walkers move at a speed of about 9 miles per hour. Write a direct variation equation for the distance *y* that a race-walker will cover in *x* hours. |
| Does the table represent a direct variation? If so, find *k* and write the direct variation equation.     |  |  | | --- | --- | | *x* | *y* | | 5 | 2 | | 7 | 3 | | 11 | 5 | | 15 | 7 | | 17 | 9 |   yes or no *k* =  Direct variation equation: | Maleka charges $8 per hour for baby-sitting. Write a direct variation for the total amount *y* she earns baby-sitting for *x* hours. | Does the equation represent a direct variation? If so, find *k* and write the direct variation equation.    yes or no *k* =  Direct variation equation: |
| A group of people are tubing down a river at an average speed of 2 mi/h. Write a direct variation that gives the number of miles *y* that the people will float in *x* hours. | Does the equation represent a direct variation? If so, find *k* and write the direct variation equation.    yes or no *k* =  Direct variation equation:  yes or no *k* =  Direct variation equation: | Does the table represent a direct variation? If so, find *k* and write the direct variation equation.   |  |  | | --- | --- | | *x* | *y* | | 3 | 15 | | 2 | 10 | | 4 | 20 | | 5 | 25 | | –1 | –5 | |