

Direct and Inverse Variation Worksheet

Name: _____

Find the Missing Variable:

- 1) y varies directly with x . If $y = -4$ when $x = 2$, find y when $x = -6$.
- 2) y varies inversely with x . If $y = 40$ when $x = 16$, find x when $y = -5$.
- 3) y varies inversely with x . If $y = 7$ when $x = -4$, find y when $x = 5$.
- 4) y varies directly with x . If $y = 15$ when $x = -18$, find y when $x = 1.6$.
- 5) y varies directly with x . If $y = 75$ when $x = 25$, find x when $y = 25$.

Classify the following as:**a) Direct****b) Inverse****c) Neither**

6) $m = -5p$

9) $c = \frac{e}{-4}$

12) $c = 3v$

7) $r = \frac{9}{t}$

10) $n = \frac{1}{2}f$

13) $u = \frac{t}{18}$

8) $d = 4t$

11) $z = \frac{-.2}{t}$

What is the constant of variation for the following?

14) $d = 4t$

15) $z = \frac{-.2}{t}$

16) $n = \frac{1}{2}f$

17) $r = \frac{9}{t}$

Answer the following questions.

- 18) If x and y vary directly, as x decreases, what happens to the value of y ?
- 19) If x and y vary inversely, as y increases, what happens to the value of x ?
- 20) If x and y vary directly, as y increases, what happens to the value of x ?
- 21) If x and y vary inversely, as x decreases, what happens to the value of y ?

Applications Of Direct And Inverse Variation Worksheet

Gina Wilson

O García



Applications Of Direct And Inverse Variation Worksheet Gina Wilson:

Decoding **Applications Of Direct And Inverse Variation Worksheet Gina Wilson**: Revealing the Captivating Potential of Verbal Expression

In an era characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Applications Of Direct And Inverse Variation Worksheet Gina Wilson**," a mesmerizing literary creation penned by a celebrated wordsmith, readers attempt an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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