

Name _____

Direct And Inverse Variation

For each equation, determine whether it represents a direct or inverse variation.

1) $2y = 5x$ <u>Direct variation</u>	2) $3y + 6x = 0$ <u>Direct variation</u>
3) $8xy = 32$ <u>Inverse Variation</u>	4) $xy = 10$ <u>Inverse Variation</u>
5) $5xy = 15$ <u>Inverse Variation</u>	6) $x + y = 9$ <u>Direct variation</u>
7) $5xy = 25$ <u>Inverse Variation</u>	8) $6y - 9x = 0$ <u>Direct variation</u>
9) $2y - 5x = 0$ <u>Direct variation</u>	10) $9xy = 36$ <u>Inverse Variation</u>
11) $y = 4x$ <u>Direct variation</u>	12) $2y + 4x = 0$ <u>Direct variation</u>
13) $4xy = 12$ <u>Inverse Variation</u>	14) $10y = 2x$ <u>Direct variation</u>
15) $7y - 14x = 0$ <u>Direct variation</u>	16) $7xy = 21$ <u>Inverse Variation</u>