

Name : _____

Systems of Equations

Write whether each system of equations is consistent or inconsistent.

1) $11c - 9d = 21$
 $35 = -2d + 7c$

2) $5a + 27 = 8b$
 $16b - 24 = 10a$

3) $6v = 7w$
 $12v = 14w + 13$

4) $-10u + 3v - 4z = 0$

5) $22 = -4s + 5t$
 $-7t - 2s = 46$

7) $-3s + 6r = 48$
 $s - 2r = 32$

9) $2x - 4y = 19$
 $-x = -13 - 2y$

10) $-8p = -16q + 24$
 $4q - 2p = 6$

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Systems of Equations

Write whether each system of equations is consistent or inconsistent.

1) $11c - 9d = 21$
 $35 = -2d + 7c$

_____ **consistent** _____

2) $5a + 27 = 8b$
 $16b - 24 = 10a$

_____ **inconsistent** _____

3) $6v = 7w$
 $12v = 14w + 13$

_____ **incons** _____

4) $-10u + 3v - 4z = 0$

_____ **istent** _____

5) $22 = -4s + 5t$
 $-7t - 2s = 46$

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10) $-8p = -16q + 24$
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_____ **consistent** _____

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