

Name _____

Date _____

Vector Subtraction - Matching Worksheet

Write the letter of the answer that matches the problem.

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|-------|---|---|
| _____ | 1. Subtract vector $u = (22,16)$ from vector $v = (10,3)$. | a. $\begin{matrix} -6 \\ -3 \end{matrix}$ |
| _____ | 2. Subtract vector $u = (19,12)$ from vector $v = (9,6)$. | b. $\begin{matrix} 1 \\ -2 \end{matrix}$ |
| _____ | 3. Subtract vector $u = (12,7)$ from vector $v = (8,5)$. | c. $\begin{matrix} -4 \\ 3 \end{matrix}$ |
| _____ | 4. Subtract vector $u = (10,8)$ from vector $v = (17,7)$. | d. $\begin{matrix} 7 \\ -1 \end{matrix}$ |
| _____ | 5. Subtract vector $u = (15,5)$ from vector $v = (4,5)$. | e. $\begin{matrix} -10 \\ -6 \end{matrix}$ |
| _____ | 6. Subtract vector $u = (9,6)$ from vector $v = (3,3)$. | f. $\begin{matrix} -12 \\ -13 \end{matrix}$ |
| _____ | 7. Subtract vector $u = (13,8)$ from vector $v = (6,4)$. | g. $\begin{matrix} -4 \\ -2 \end{matrix}$ |
| _____ | 8. Subtract vector $u = (11,7)$ from vector $v = (12,5)$. | h. $\begin{matrix} -11 \\ 0 \end{matrix}$ |
| _____ | 9. Subtract vector $u = (11,8)$ from vector $v = (7,5)$. | i. $\begin{matrix} -7 \\ -4 \end{matrix}$ |
| _____ | 10. Subtract vector $u = (8,2)$ from vector $v = (4,5)$. | j. $\begin{matrix} -4 \\ -3 \end{matrix}$ |

