

Sportin' Up

If the basketball team at your school was chasing the baseball team, what time would it be?

To find out, solve the equations below for y in terms of x . Find the letter in Column B representing the answer to its problem in Column A. Write the letter in front of its problem number. Read down the column of written letters to discover the answer to the riddle.

Column A

- ___ 1. $x + y = 4$
- ___ 2. $y - x = -3$
- ___ 3. $x - y = -1$
- ___ 4. $4x + y = 10$
- ___ 5. $6x + y = -12$
- ___ 6. $8x - y = -7$
- ___ 7. $-2x + y = 9$
- ___ 8. $-y + 3x = -11$
- ___ 9. $13x - y = 4$
- ___ 10. $2y + 4x = 6$
- ___ 11. $9x - 3y = 12$
- ___ 12. $2y - 6x = 8$
- ___ 13. $-x - y = -1$

Column B

- T. $y = 2x + 9$
- V. $y = x + 1$
- W. $y = 4x + 10$
- A. $y = -6x - 12$
- F. $y = -x + 4$
- N. $y = 3x + 4$
- R. $y = 13x - 4$
- M. $y = -13x - 4$
- E. $y = -x + 1$
- I. $y = x - 3$
- L. $y = 8x - 7$
- F. $y = 8x + 7$
- E. $y = -4x + 10$
- N. $y = -2x + 3$
- E. $y = 3x + 11$
- I. $y = 3x - 4$

Answer: _____