

1-4 Midpoints

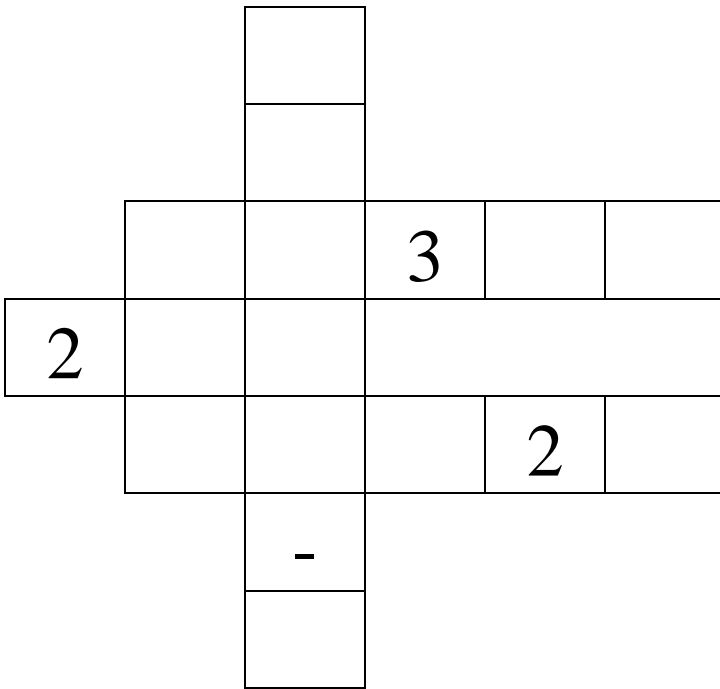
Name: _____

Time Start: _____ Finish: _____

Total Time = _____

- _____ 1. What is the midpoint of a line that has endpoints at (2, 3) and (8, 5)?
- _____ 2. What is the midpoint of a line that has endpoints at (2, 3) and (4, 1)?
- _____ 3. What is the midpoint of a line that has endpoints at (14, -3) and (10, -1)?
- _____ 4. What is the midpoint of a line that has endpoints at (16, 3) and (8, -1)?
- _____ 5. What is the midpoint of a line that has endpoints at (5, -10) and (6, -10)?
- _____ 6. What is the midpoint of a line that has endpoints at (0, 3) and (-4, -3)?
- _____ 7. Point A is at (3, 7) and B is at (7, 1). If B is the midpoint of \overline{AC} , what are the coordinates of C?
- _____ 8. If X is the midpoint of \overline{CN} and $CX = 8n + 10$, what is CN? (Expression answer)
- _____ 9. If B is the midpoint of \overline{AC} and $AC = 4n - 2$, what is AB? (Expression answer)
- _____ 10. Point A is at (2, 12) and B is at (8, 10). If B is the midpoint of \overline{AC} , what are the coordinates of C?
- _____ 11. If X is the midpoint of \overline{CN} and $CX = 4n - 6$, what is CN? (Expression answer)
- _____ 12. If B is the midpoint of \overline{AC} and $AC = 6n + 20$, what is AB? (Expression answer)
- _____ 13. A line segment has an endpoint at (3, 2). If the midpoint of the line segment is (6, -2), what are the coordinates of the point at the other end of the line segment? (2008 SOL question)
14. What would you say is the midpoint between Radford and Roanoke?
How would you prove your answer to someone?

Mabble 2



1 1 1 1 2 2 2

3 8 - = = =

