Name:

Date:

Finding midpoint word problems

Solve.

1) One endpoint of a line segment is $(-3,5)$ and the midpoint of the line segment is $(7,3)$. What is the other endpoint?

2) One endpoint of a line segment is $(-6,5)$ and the midpoint of the line segment is $(6,2)$. What is the other endpoint?

3) One endpoint of a line segment is $(9,2)$ and the midpoint of the line segment is $(3,3)$. What is the other endpoint?

4) One endpoint of a line segment is $(18,-12)$ and the midpoint of the line segment is $(11,8)$. What is the other endpoint?

5) Find the coordinates of the midpoint of the line segment AB with endpoints A$(-2,2)$ and B$(3,-2)$?

6) Find the coordinates of the midpoint of the line segment AB with endpoints A$(9,-11)$ and B$(8,-10)$?

7) Find the coordinates of the midpoint of the line segment AB with endpoints A$(9,-12)$ and B$(-3,8)$?

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Name:

Date:

Finding midpoint word problems

Answers

Solve.

1) One endpoint of a line segment is $(-3,5)$and the midpoint of the line segment is $(7,3)$. What is the other endpoint? $(17,1)$

2) One endpoint of a line segment is $(-6,5)$and the midpoint of the line segment is $(6,2)$. What is the other endpoint? $(18,-1)$

3) One endpoint of a line segment is $(9,2)$and the midpoint of the line segment is $(3,3)$. What is the other endpoint? $(-3,4)$

4) One endpoint of a line segment is $(18,-12)$and the midpoint of the line segment is $(11,8)$. What is the other endpoint? $(4,28)$

5) Find the coordinates of the midpoint of the line segment AB with endpoints A$(-2,2)$ and B$(3,-2)$? $(\frac{1}{2},0)$

6) Find the coordinates of the midpoint of the line segment AB with endpoints A$(9,-11)$ and B$(8,-10)$? $(8\frac{1}{2},-10\frac{1}{2})$

7) Find the coordinates of the midpoint of the line segment AB with endpoints A$(9,-12)$ and B$(-3,8)$? $(3,-2)$

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