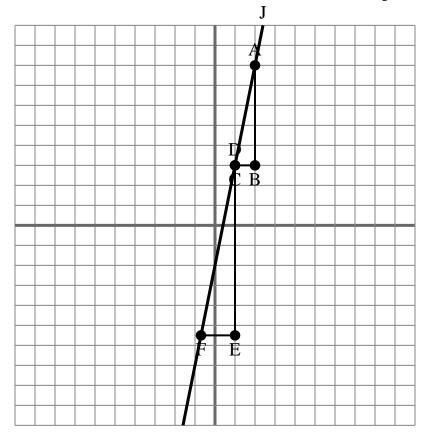


The grid below contains the triangles ABC, DEF and line J. Determine if each statement is true or false based on the information in the coordinate plane.

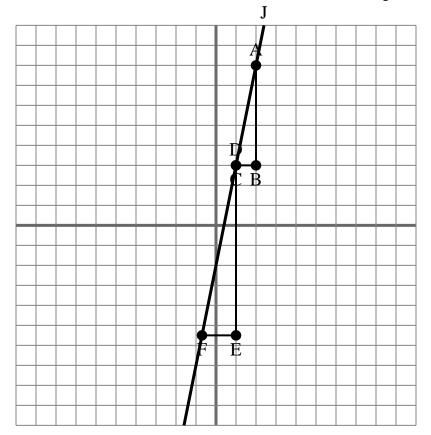


- 1) The slope of \overline{DE} is equal to the slope of line J.
- 2) The slope of line J is equal to $^{DE}\!\!/_{EF}$
- The slope of line J is equal to $^{EF}/_{DE}$
- 4) The slope of \overline{AF} is equal to the slope of \overline{EF} .
- 5) The slope of \overline{AD} is equal to the slope of line J.
- **6**) The slope of \overline{AD} is equal to the slope of \overline{CF} .
- 7) The slope of \overline{AC} is equal to the slope of \overline{DF} .
- **8**) The slope of \overline{AD} is equal to the slope of \overline{BC} .
- 9) The slope of \overline{AB} is equal to the slope of line J.
- 10) The slope of line J is equal to $^{BC}/_{AB}$

- 1. _____
- 2
- 3. _____
- 4. _____
- 5. _____
- 6.
- 7. _____
- 8. _____
- Э. _____
- 10. _____

Answer Key Name:

The grid below contains the triangles ABC, DEF and line J. Determine if each statement is true or false based on the information in the coordinate plane.



- The slope of \overline{DE} is equal to the slope of line J.
- The slope of line J is equal to ${}^{DE}\!\!/_{EF}$
- The slope of line J is equal to EF/DE
- The slope of \overline{AF} is equal to the slope of \overline{EF} .
- The slope of \overline{AD} is equal to the slope of line J.
- The slope of \overline{AD} is equal to the slope of \overline{CF} .
- The slope of \overline{AC} is equal to the slope of \overline{DF} .
- The slope of \overline{AD} is equal to the slope of \overline{BC} .
- The slope of \overline{AB} is equal to the slope of line J.

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The slope of line J is equal to $^{BC}/_{AB}$

- false
- false