

Geometry 5-1 Possible Lengths of a Triangle's Sides

Name: _____

Time Start: _____ Finish: _____

Total Time = _____

Matching

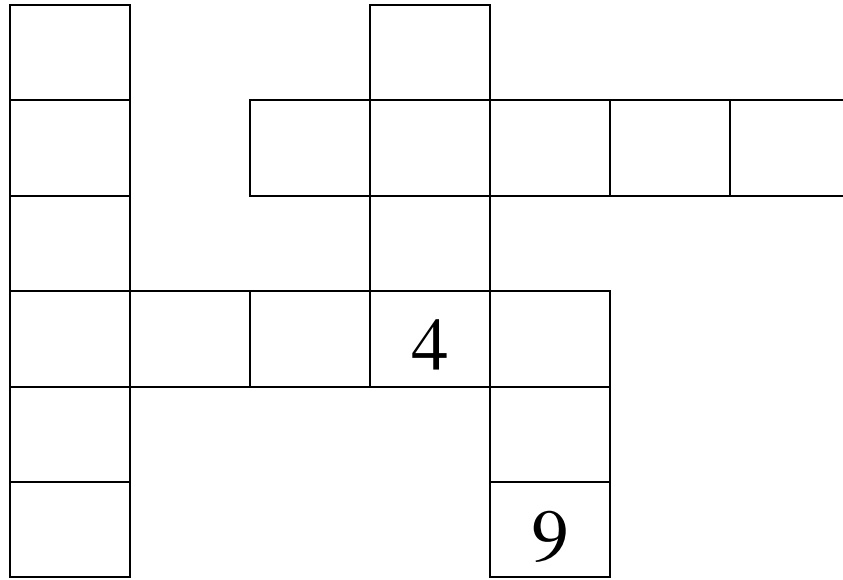
Given the lengths of two sides of a triangle, tell what the third side's length must be between.

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|----------|-------|----|--------------|
| _____ 1. | 4, 8 | A. | $2 < m < 14$ |
| _____ 2. | 4, 10 | B. | $5 < m < 11$ |
| _____ 3. | 2, 6 | C. | $4 < m < 12$ |
| _____ 4. | 3, 8 | D. | $6 < m < 10$ |
| _____ 5. | 7, 7 | E. | $6 < m < 14$ |
| _____ 6. | 6, 8 | F. | $0 < m < 14$ |
| _____ 7. | 2, 8 | G. | $0 < m < 8$ |
| _____ 8. | 4, 4 | H. | $4 < m < 8$ |

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|-----------|-------|-----------|--------|
| _____ 9. | 3, 5 | _____ 10. | 14, 12 |
| _____ 11. | 1, 8 | _____ 12. | 13, 15 |
| _____ 13. | 10, 8 | _____ 14. | 12, 2 |
- _____ 15. Which set of numbers could be a measure of the sides of a triangle?
A. 2, 1, 3 B. 3, 10, 15 C. 4, 6, 3 D. 3, 7, 3
- _____ 16. Which set of numbers could be a measure of the sides of a triangle?
A. 4, 5, 3 B. 2, 10, 14 C. 4, 4, 8 D. 1, 6, 3
- _____ 17. Which set of numbers could be a measure of the sides of a triangle?
A. 2, 4, 2 B. 20, 4, 15 C. 4, 6, 1 D. 5, 7, 5
- _____ 18. Which set of numbers could be a measure of the sides of a triangle?
A. 2, 7, 4 B. 10, 10, 15 C. 4, 6, 10 D. 5, 1, 7

Mabble 11



1 2 2 3 5 6 6

7 9 $\wedge 2$ $\wedge 2$ + = =

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