

# Adding Adjacent Angles

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4th Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1. Measure angle A: 35 degrees and angle B: 45 degrees. What is the total angle?

2. Angle C measures 60 degrees, and angle D measures 25 degrees. What is the sum of angle C and angle D?

3. If angle E is 90 degrees and angle F is 30 degrees, what is the total measurement of both angles?

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4. Circle the greater angle: 75 degrees or 62 degrees

5. Adjacent angles can share a common vertex. True or False?

True  False

6. Angle G measures 50 degrees and angle H measures 20 degrees. Calculate the total angle.

7. If angle I is 40 degrees and angle J is 60 degrees, what is the sum of angle I and angle J?

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8. What is the next angle if angle K is 30 degrees and the next adjacent angle is 50 degrees?

9. A straight angle is 180 degrees. If angle L is 110 degrees, what is angle M if they are adjacent?

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10. Add angle N (25 degrees) and angle O (55 degrees). What is the total?

11. Circle the greater angle: 150 degrees or 120 degrees

12. Adjacent angles can never form a straight angle. True or False?

True  False

13. If angle P is 35 degrees and angle Q is 15 degrees, what is their combined angle measurement?

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14. Angle R measures 75 degrees and angle S measures 25 degrees. What is the total?

15. If angle T is 40 degrees and angle U is 60 degrees, what is the total of both angles?

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**Answer Key**

1. 80 2. 85 3. 120 4. 75 5. True 6. 70 7. 100 8. 50 9. 70 10. 80 11. 150 12. False 13. 50 14. 100 15. 100