Angles

Grade 4 · 4.MD.6

Name: _____ Date: _____

Answer each question about angles.

1. Is an angle of 152° acute, right, obtuse, or straight? _____
2. Is an angle of 60° acute, right, obtuse, or straight? _____
3. Is an angle of 170° acute, right, obtuse, or straight? _____
4. Two angles on a straight line measure 55° and x. What is x? _____
5. Is an angle of 135° acute, right, obtuse, or straight? _____
6. Two angles on a straight line measure 139° and x. What is x? _____
7. Is an angle of 90° acute, right, obtuse, or straight? _____
8. Two angles on a straight line measure 87° and x. What is x? _____
9. Is an angle of 72° acute, right, obtuse, or straight? _____
10. Two angles on a straight line measure 136° and x. What is x? _____
11. Two angles on a straight line measure 112° and x. What is x? _____
12. Two angles on a straight line measure 72° and x. What is x? _____
13. Two angles on a straight line measure 99° and x. What is x? _____
14. Is an angle of 110° acute, right, obtuse, or straight? _____

Angles — Answer Key

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Acute is less than 90°, right is exactly 90°, obtuse is between 90° and 180°.

1. Is an angle of 152° acute, right, obtuse, or straight? **obtuse**
2. Is an angle of 60° acute, right, obtuse, or straight? **acute**
3. Is an angle of 170° acute, right, obtuse, or straight? **obtuse**
4. Two angles on a straight line measure 55° and x. What is x? **125°**
5. Is an angle of 135° acute, right, obtuse, or straight? **obtuse**
6. Two angles on a straight line measure 139° and x. What is x? **41°**
7. Is an angle of 90° acute, right, obtuse, or straight? **right**
8. Two angles on a straight line measure 87° and x. What is x? **93°**
9. Is an angle of 72° acute, right, obtuse, or straight? **acute**
10. Two angles on a straight line measure 136° and x. What is x? **44°**
11. Two angles on a straight line measure 112° and x. What is x? **68°**
12. Two angles on a straight line measure 72° and x. What is x? **108°**
13. Two angles on a straight line measure 99° and x. What is x? **81°**
14. Is an angle of 110° acute, right, obtuse, or straight? **obtuse**