Angles: right, acute, obtuse worksheet

4th grade math · Measurement & Data · 4.MD.C.5

Name _____ Date _____

For grown-ups: 12 angles: right, acute, obtuse problems, easier ones first. Let your child try each one alone, then check together with the answer key on page 2. Circle one answer where there are choices.

1. **An angle measures 90°. What kind of angle is it?**

   ○ **acute** ○ **straight** ○ **obtuse** ○ **right**

2. **An angle measures 130°. What kind of angle is it?**

   ○ **acute** ○ **obtuse** ○ **right** ○ **straight**

3. **An angle measures 101°. What kind of angle is it?**

   ○ **obtuse** ○ **right** ○ **acute** ○ **straight**

4. **Two angles make a right angle. One is 61°. What is the other?**

   Answer: _____ °

5. **Two angles make a right angle. One is 53°. What is the other?**

   Answer: _____ °

6. **An angle measures 47°. What kind of angle is it?**

   ○ **obtuse** ○ **acute** ○ **right** ○ **straight**

7. **An angle measures 64°. What kind of angle is it?**

   ○ **straight** ○ **obtuse** ○ **right** ○ **acute**

8. **Two angles make a right angle. One is 49°. What is the other?**

   Answer: _____ °

9. **An angle measures 53°. What kind of angle is it?**

   ○ **acute** ○ **obtuse** ○ **right** ○ **straight**

10. **Two angles make a right angle. One is 40°. What is the other?**

    Answer: _____ °

11. **An angle measures 180°. What kind of angle is it?**

    ○ **obtuse** ○ **acute** ○ **right** ○ **straight**

12. **Two angles make a right angle. One is 41°. What is the other?**

    Answer: _____ °

Answer key: Angles: right, acute, obtuse

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1. **right**
   Exactly 90° is a right angle.
2. **obtuse**
   Between 90° and 180° is obtuse.
3. **obtuse**
   Between 90° and 180° is obtuse.
4. **29 °**
   A right angle is 90°. 90 – 61 = 29°.
5. **37 °**
   A right angle is 90°. 90 – 53 = 37°.
6. **acute**
   Less than 90° is acute.
7. **acute**
   Less than 90° is acute.
8. **41 °**
   A right angle is 90°. 90 – 49 = 41°.
9. **acute**
   Less than 90° is acute.
10. **50 °**
    A right angle is 90°. 90 – 40 = 50°.
11. **straight**
    Exactly 180° is a straight angle.
12. **49 °**
    A right angle is 90°. 90 – 41 = 49°.