

Worksheet 1: Identifying Right Angles

Name: _____ Date: _____

Instructions: Answer all questions about right angles.

1. Draw a right angle
2. How many degrees are in a right angle? _____
3. Circle all the objects below that have right angles:
 - ☐ Book
 - ☐ Ball
 - ☐ Window
 - ☐ Orange
 - ☐ Ruler
 - ☐ Table
 - ☐ Basketball hoop
4. Draw the square corner symbol ($\angle$) that we use to mark a right angle.
5. How many right angles are in a square? _____
6. How many right angles are in a rectangle? _____
7. Look around your classroom. List 3 objects that have right angles:
 - a) _____
 - b) _____
 - c) _____
8. True or False: A right angle is a square corner. _____
9. True or False: All corners are right angles. _____
10. Mark all the right angles in this letter 'L' shape with the square corner symbol.
11. How many right angles did you find in the 'L' shape? _____
12. Draw a triangle with one right angle.
13. Can you name the corner of your classroom that has a right angle?

14. Does a circle have any right angles? _____
15. Name one piece of furniture in your home that has right angles:

WORKSHEET 2: Quarter, Half and Three-Quarter

Name: _____ Date: _____

Instructions: Answer all questions about turns and right angles.

1. A quarter turn is the same as how many right angles? _____
2. A half turn is the same as how many right angles? _____
3. A three-quarter turn is the same as how many right angles? _____
4. If you face the front of the classroom and make a quarter turn to your right, which wall will you be facing? _____
5. Complete this sentence: A quarter turn = _____ right angle(s)
6. Complete this sentence: A half turn = _____ right angle(s)
7. Complete this sentence: A three-quarter turn = _____ right angle(s)
8. Draw an arrow showing a quarter turn clockwise.
9. Draw an arrow showing a half turn.
10. Which is bigger: a quarter turn or a half turn? _____
11. Which is bigger: a half turn or a three-quarter turn? _____
12. If you make a quarter turn and then another quarter turn, how many right angles have you turned through in total? _____
13. True or False: A half turn is greater than a right angle. _____
14. True or False: A quarter turn is smaller than a right angle. _____
15. If you are facing North and make a quarter turn clockwise, which direction are you facing? _____
16. How many quarter turns make one complete turn? _____
17. How many right angles are in a complete full turn? _____

WORKSHEET 3: Comparing Angles with Right Angles

Name: _____ Date: _____

Instructions: Look at each angle and decide if it is smaller than, equal to, or bigger than a right angle.

1. An angle that measures 45 degrees is _____ a right angle.
(smaller than / equal to / bigger than)
2. An angle that measures 90 degrees is _____ a right angle.
(smaller than / equal to / bigger than)
3. An angle that measures 120 degrees is _____ a right angle.
(smaller than / equal to / bigger than)
4. When a door is slightly open (about 30 degrees), is the angle smaller than, equal to, or bigger than a right angle? _____
5. When a door is wide open (about 150 degrees), is the angle smaller than, equal to, or bigger than a right angle? _____
6. When a door is open at exactly a square corner, is the angle smaller than, equal to, or bigger than a right angle? _____
7. Draw an angle that is smaller than a right angle.
8. Draw an angle that is equal to a right angle (don't forget the square corner symbol!).
9. Draw an angle that is bigger than a right angle.
10. Look at the hands on a clock at 3 o'clock. Is the angle between the hands smaller than, equal to, or bigger than a right angle? _____
11. Look at the hands on a clock at 6 o'clock. What type of angle do they make?

12. If you open your book just a little bit, is the angle smaller than, equal to, or bigger than a right angle? _____
13. If you open your book completely flat, is the angle smaller than, equal to, or bigger than a right angle? _____
14. Circle the correct answer: An angle of 60 degrees is (smaller / equal / bigger) compared to a right angle.
15. Circle the correct answer: An angle of 100 degrees is (smaller / equal / bigger) compared to a right angle.
16. True or False: All angles in a rectangle are right angles.
