



Name: _____

Date: _____

1. What type of angle measures 180° ?

straight

obtuse

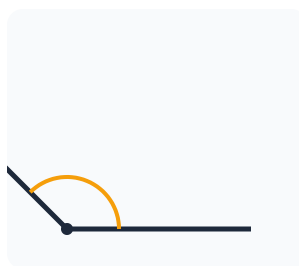
right

acute

2. Two angles are complementary (add to 90°). One is 45° . The other is ____°

3. Two angles are supplementary (add to 180°). One is 49° . The other is ____°

4. What type of angle is shown?



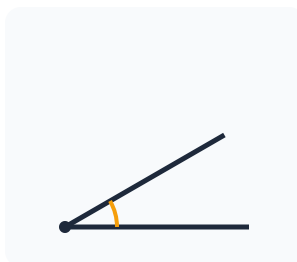
obtuse

right

acute



5. About how many degrees is this angle?



75°

45°

60°

30°

6. What type of angle measures 90° ?

obtuse

straight

acute

right

7. Two angles are complementary (add to 90°). One is 50° . The other is ____°

8. Two angles are supplementary (add to 180°). One is 25° . The other is ____°

9. What type of angle measures 163° ?

right

obtuse

straight

acute



10. Two angles are complementary (add to 90°). One is 61° . The other is ____°

11. Two angles are supplementary (add to 180°). One is 128° . The other is ____°

12. What type of angle measures 42° ?

acute

obtuse

straight

right

13. Two angles are complementary (add to 90°). One is 23° . The other is ____°

14. Two angles are supplementary (add to 180°). One is 106° . The other is ____°

15. What type of angle measures 109° ?

right

straight

acute

obtuse



16. Two angles are complementary (add to 90°). One is 63° . The other is ____°

17. Two angles are supplementary (add to 180°). One is 23° . The other is ____°

18. What type of angle measures 62° ?

obtuse

straight

acute

right



Answer Key

1. **straight** 180° is exactly 180° , a straight angle.
2. **45** $90 - 45 = 45^\circ$.
3. **131** $180 - 49 = 131^\circ$.
4. **obtuse** An obtuse angle is between 90° and 180° .
5. **30°** This angle measures about 30° .
6. **right** 90° is exactly 90° , a right angle.
7. **40** $90 - 50 = 40^\circ$.
8. **155** $180 - 25 = 155^\circ$.
9. **obtuse** 163° is between 90° and 180° , an obtuse angle.
10. **29** $90 - 61 = 29^\circ$.
11. **52** $180 - 128 = 52^\circ$.
12. **acute** 42° is less than 90° , an acute angle.
13. **67** $90 - 23 = 67^\circ$.
14. **74** $180 - 106 = 74^\circ$.
15. **obtuse** 109° is between 90° and 180° , an obtuse angle.
16. **27** $90 - 63 = 27^\circ$.
17. **157** $180 - 23 = 157^\circ$.
18. **acute** 62° is less than 90° , an acute angle.