Degrees

Name _____ Date _____

A full turn is 360°.

Common Core 4.MD.C.5

Example $\frac{1}{6}$ of a full turn = ?°

1. A full turn is 360°.
2. 360 ÷ 6 = 60.

Answer: 60°

1. 270° = ☐ of a full turn
2. $\frac{3}{5}$ of a full turn = ☐°
3. 90° = ☐ of a full turn
4. $\frac{9}{10}$ of a full turn = ☐°
5. $\frac{4}{5}$ of a full turn = ☐°
6. 320° = ☐ of a full turn

Write acute, right, obtuse or straight.

Example 103°

1. Acute: less than 90°. Right: 90°. Obtuse: between 90° and 180°. Straight: 180°.
2. 103° is more than 90° and less than 180°.

Answer: obtuse

7. 23° ☐
8. 126° ☐
9. 153° ☐
10. 51° ☐
11. 8° ☐
12. 120° ☐

Free to share with other families. Not for resale.

Unknown angles

Name _____ Date _____

The two parts make a right angle (90°).

Common Core 4.MD.C.7

Example ? + 38° = 90°

1. A right angle is 90°, so the two parts add to 90°.
2. 90 − 38 = 52.

Answer: 52°

1. ☐° + 65° = 90°
2. ☐° + 71° = 90°
3. 46° + ☐° = 90°
4. ☐° + 32° = 90°
5. ☐° + 15° = 90°
6. ☐° + 68° = 90°

The two parts make a straight angle (180°).

Example ? + 128° = 180°

1. A straight angle is 180°, so the two parts add to 180°.
2. 180 − 128 = 52.

Answer: 52°

7. 152° + ☐° = 180°
8. ☐° + 92° = 180°
9. ☐° + 106° = 180°
10. ☐° + 156° = 180°
11. ☐° + 49° = 180°
12. 62° + ☐° = 180°

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Answers

Answers are in the same order as the boxes.

Page 1 · Degrees

1. 3/4
2. 216°
3. 1/4
4. 324°
5. 288°
6. 8/9
7. acute
8. obtuse
9. obtuse
10. acute
11. acute
12. obtuse

Page 2 · Unknown angles

1. 25°
2. 19°
3. 44°
4. 58°
5. 75°
6. 22°
7. 28°
8. 88°
9. 74°
10. 24°
11. 131°
12. 118°

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