Arithmetic

1. 170 + 63

2. 305 x 3

3. 86 + 7

4. 7.4 – 2.9

Practice: Identify Angles

5. Recap: Complete the sentence.

A right angle is exactly ?°.

6. Complete the sentence.

This angle is an ? angle as it is ? than a right angle.
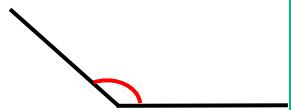
7. Complete the sentence.

This angle is an ? angle as it is ? than a right angle.
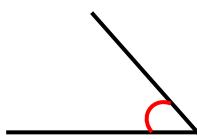
8. Complete the sentences.
A ? angle is 90 degrees.
Acute angles are less than ? degrees.
? angles are between 91 and 179 degrees.

9. Label these angles as A (acute), R (right angle) or O (obtuse).

10. Explain how you would draw an angle of approximately 95°.
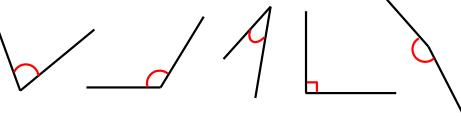
11. Label these angles as A (acute), R (right angle) or O (obtuse).

60°   50°   110°   10°   150°   95°

12. Label these angles as A (acute), R (right angle) or O (obtuse).

57°   103°   90°   7°   91°   178°

13. Ibrar says that 92° is a right angle because a right angle is any angle in the nineties.
Is Ibrar correct?

Challenge

14. Anisa has drawn two angles. Together they add up to 160°.

She says that one of the angles is less than 100°. What could her two angles be?

Give at least 3 possible pairs of answers.

You might want to talk to an adult

Spot the mistake

Answers

Q no.	Question	Answer
1	170 + 63	233
2	305 x 3	915
3	86 + 7	93
4	7.4 – 2.9	4.5
5	Complete the sentence	90°
6	Complete the sentence	obtuse, larger
7	Complete the sentence	acute, smaller
8	Complete the sentence	right, 90, obtuse
9	Label these angles as A (acute), R (right angle) or O (obtuse).	Acute angles - a, c Obtuse angles - b, e Right angles - d
10	Explain how you would draw an angle of approximately 95°.	Pupils should be able to explain that 95° is just over 90° or a right angle. They could then use this information to create an angle of approximately 95°.
11	Label these angles as A (acute), R (right angle) or O (obtuse).	A, A, O, A, O, O
12	Label these angles as A (acute), R (right angle) or O (obtuse).	A, O, R, A, O, O
13	Is Ibrar correct?	Ibrar is incorrect, a right angle must be 90° exactly. If an angle is over 90°, it is not a right angle, it is an obtuse angle.
14	Anisa has drawn two angles. Together they add up to 160°. She says that one of the angles is less than 100°. What could her two angles be? Give at least 3 possible pairs of answers.	Accept any answers that add to 160° and where one angle is less than 100°. Example answers: One right angle and 70° 99° and 61° 5° and 155°