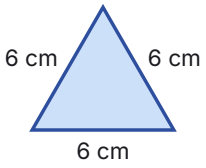
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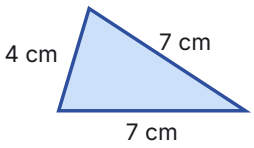
Types of Triangles

Grades 3 – 5 • 40 questions • Part A: name each triangle by its sides

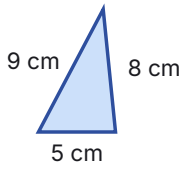
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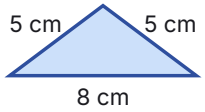
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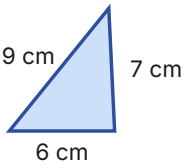
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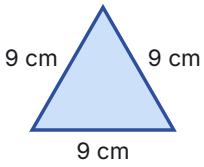
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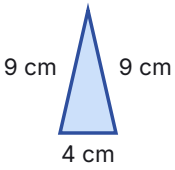
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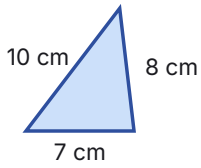
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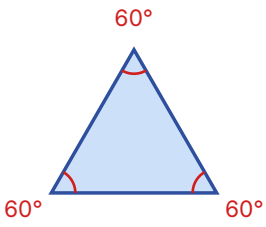


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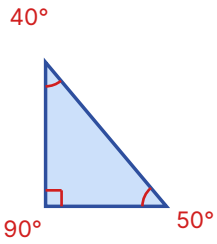


Part B • Name each triangle by its angles

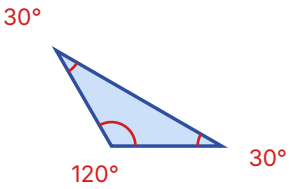
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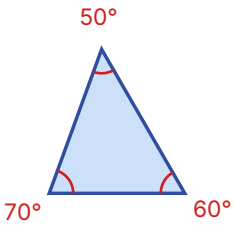
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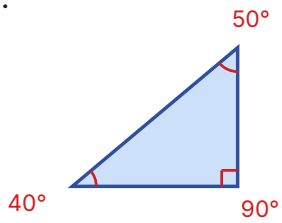
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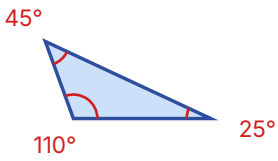
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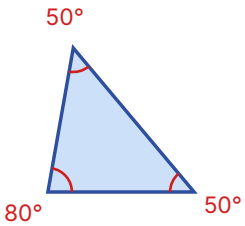
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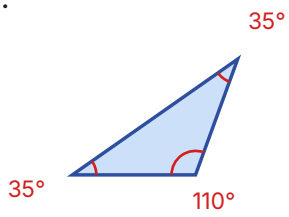
14.



15.



16.



Two ways to name a triangle

By sides: equilateral (3 equal), isosceles (2 equal), scalene (none equal).
By angles: acute (all under 90°), right (one 90°), obtuse (one over 90°).

Name: _____ Date: _____

Types of Triangles

Part C • Sides or angles • Part D: both names • Part E: can it be a triangle? • Part F: missing sides

Part C • Name the triangle

17. Sides 5 cm, 5 cm and 8 cm _____
18. Angles 30°, 60° and 90° _____
19. Sides 3 m, 4 m and 6 m _____
20. Angles 20°, 30° and 130° _____
21. Sides 7 in, 7 in and 7 in _____
22. Angles 50°, 60° and 70° _____
23. Sides 10 cm, 6 cm and 10 cm _____
24. Angles 45°, 45° and 90° _____

Part D • Give both names, like “right isosceles”

25. Angles 90°, 45°, 45° _____
26. Angles 60°, 60°, 60° _____
27. Angles 100°, 40°, 40° _____
28. Angles 90°, 30°, 60° _____
29. Angles 70°, 70°, 40° _____
30. Angles 120°, 35°, 25° _____
31. Angles 80°, 60°, 40° _____
32. Angles 30°, 30°, 120° _____

Part E • Can it be a triangle? Write yes or no

33. Sides 3 cm, 4 cm and 5 cm _____
34. Sides 2 cm, 3 cm and 8 cm _____
35. Angles 90°, 90° and 0° _____
36. Two obtuse angles in one triangle _____
37. Sides 5 m, 5 m and 9 m _____
38. A right equilateral triangle _____

Part F • Find the missing side

39. An equilateral triangle has a perimeter of 27 cm. How long is each side?

Answer: _____

40. An isosceles triangle has two sides of 8 cm and a perimeter of 22 cm. How long is the third side?

Answer: _____

Answer Key — Types of Triangles

1. equilateral
2. isosceles
3. scalene
4. isosceles
5. scalene
6. equilateral
7. isosceles
8. scalene
9. acute
10. right
11. obtuse
12. acute
13. right
14. obtuse
15. acute
16. obtuse
17. isosceles
18. right
19. scalene
20. obtuse
21. equilateral
22. acute
23. isosceles
24. right
25. right isosceles
26. acute equilateral
27. obtuse isosceles
28. right scalene
29. acute isosceles
30. obtuse scalene
31. acute scalene
32. obtuse isosceles
33. yes
34. no: 2 + 3 < 8
35. no
36. no
37. yes
38. no
39. 9 cm
40. 6 cm