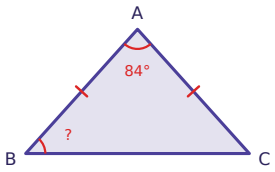
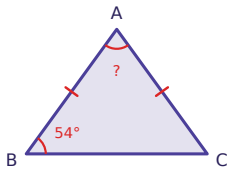
Task card 1 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠A = 84°. Find m∠B.



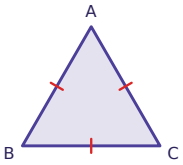
Task card 2 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠B = 54°. Find m∠A.



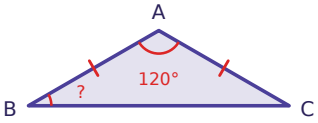
Task card 3 Isosceles & Equilateral Triangles

△ABC is equilateral. Find m∠C.



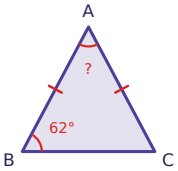
Task card 4 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠A = 120°. Find m∠B.



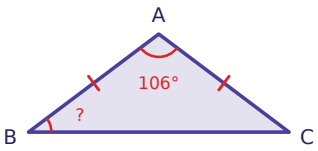
Task card 5 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠B = 62°. Find m∠A.



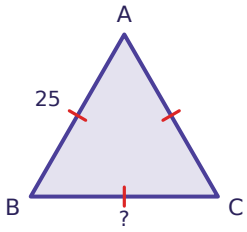
Task card 6 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠A = 106°. Find m∠B.



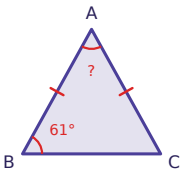
Task card 7 Isosceles & Equilateral Triangles

△ABC is equilateral and AB = 25. Find BC.



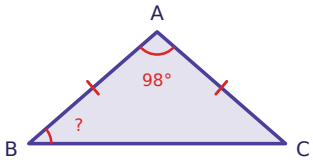
Task card 8 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠B = 61°. Find m∠A.



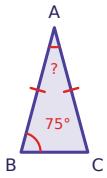
Task card 9 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠A = 98°. Find m∠B.



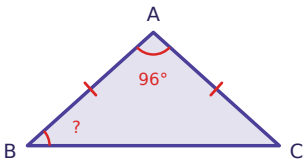
Task card 10 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠B = 75°. Find m∠A.



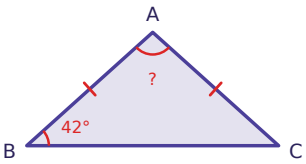
Task card 11 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠A = 96°. Find m∠B.



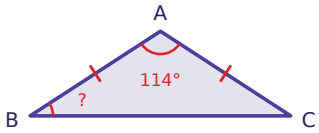
Task card 12 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠B = 42°. Find m∠A.



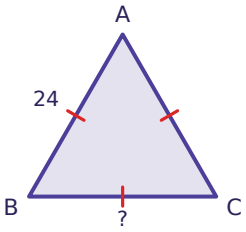
Task card 13 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠A = 114°. Find m∠B.



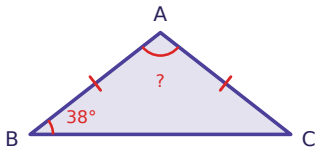
Task card 14 Isosceles & Equilateral Triangles

△ABC is equilateral and AB = 24. Find BC.



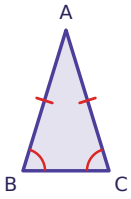
Task card 15 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠B = 38°. Find m∠A.



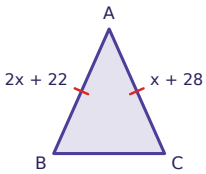
Task card 16 Isosceles & Equilateral Triangles

In isosceles △ABC, AB = AC, m∠B = (9x + 46)° and m∠C = (13x + 34)°. Find x.



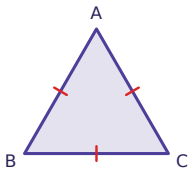
Task card 17 Isosceles & Equilateral Triangles

In △ABC, AB = AC. AB = 2x + 22 and AC = x + 28. Find x.



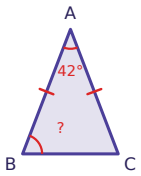
Task card 18 Isosceles & Equilateral Triangles

△ABC is equilateral and m∠B = (3x + 42)°. Find x.



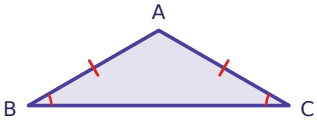
Task card 19 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠A = 42°. Find m∠B.



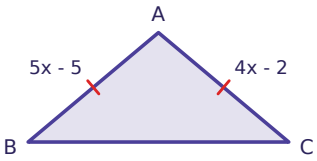
Task card 20 Isosceles & Equilateral Triangles

In isosceles △ABC, AB = AC, m∠B = (2x + 20)° and m∠C = 6x°. Find x.



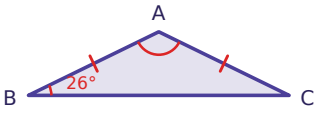
Task card 21 Isosceles & Equilateral Triangles

In △ABC, AB = AC. AB = 5x - 5 and AC = 4x - 2. Find x.



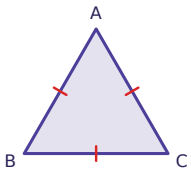
Task card 22 Isosceles & Equilateral Triangles

In isosceles △ABC, AB = AC, m∠A = (15x + 53)° and m∠B = 26°. Find x.



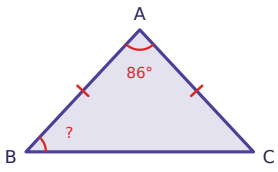
Task card 23 Isosceles & Equilateral Triangles

△ABC is equilateral and m∠B = (6x + 42)°. Find x.



Task card 24 Isosceles & Equilateral Triangles

△ABC is isosceles with AB = AC and m∠A = 86°. Find m∠B.



Isosceles & Equilateral Triangles Task Cards

Recording sheet · Grade 10 · Tick marks show congruent sides. Use the diagram and the given information to answer each question.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Isosceles & Equilateral Triangles Task Cards: Answer Key

Grade 10 · Easy

The answers online

1. 48°	**2.** 72°	**3.** 60°
4. 30°	**5.** 56°	**6.** 37°
7. 25	**8.** 58°	**9.** 41°
10. 30°	**11.** 42°	**12.** 96°
13. 33°	**14.** 24	**15.** 104°
16. 3	**17.** 6	**18.** 6
19. 69°	**20.** 5	**21.** 3
22. 5	**23.** 3	**24.** 47°