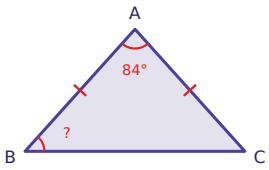
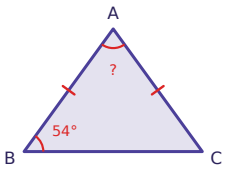
Isosceles & Equilateral Triangles · 1

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



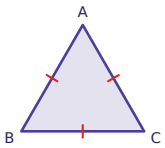
Isosceles & Equilateral Triangles · 2

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



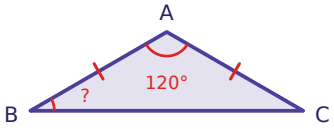
Isosceles & Equilateral Triangles · 3

△ABC is equilateral. Find m∠C.



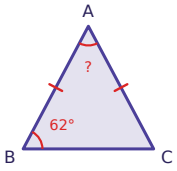
Isosceles & Equilateral Triangles · 4

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



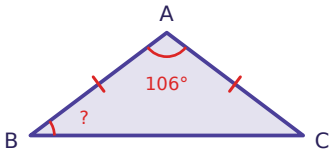
Isosceles & Equilateral Triangles · 5

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



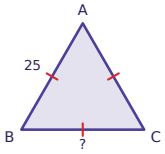
Isosceles & Equilateral Triangles · 6

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



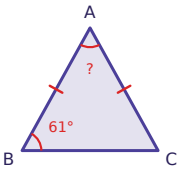
Isosceles & Equilateral Triangles · 7

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



Isosceles & Equilateral Triangles · 8

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



Isosceles & Equilateral Triangles · 2

ANSWER

72°

Isosceles & Equilateral Triangles · 1

ANSWER

48°

Isosceles & Equilateral Triangles · 4

ANSWER

30°

Isosceles & Equilateral Triangles · 3

ANSWER

60°

Isosceles & Equilateral Triangles · 6

ANSWER

37°

Isosceles & Equilateral Triangles · 5

ANSWER

56°

Isosceles & Equilateral Triangles · 8

ANSWER

58°

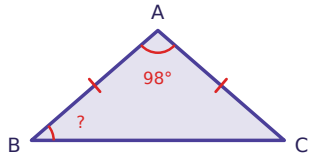
Isosceles & Equilateral Triangles · 7

ANSWER

25

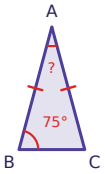
Isosceles & Equilateral Triangles · 9

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



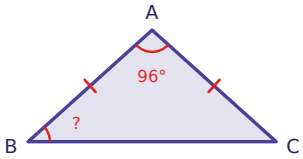
Isosceles & Equilateral Triangles · 10

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



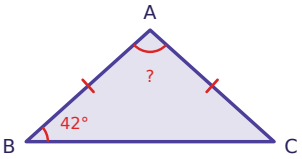
Isosceles & Equilateral Triangles · 11

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



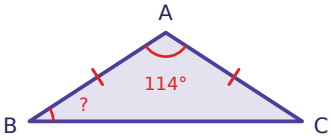
Isosceles & Equilateral Triangles · 12

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



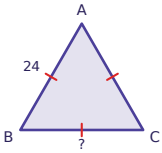
Isosceles & Equilateral Triangles · 13

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



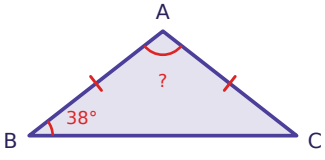
Isosceles & Equilateral Triangles · 14

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



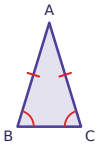
Isosceles & Equilateral Triangles · 15

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



Isosceles & Equilateral Triangles · 16

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



Isosceles & Equilateral Triangles · 10

ANSWER

30°

Isosceles & Equilateral Triangles · 9

ANSWER

41°

Isosceles & Equilateral Triangles · 12

ANSWER

96°

Isosceles & Equilateral Triangles · 11

ANSWER

42°

Isosceles & Equilateral Triangles · 14

ANSWER

24

Isosceles & Equilateral Triangles · 13

ANSWER

33°

Isosceles & Equilateral Triangles · 16

ANSWER

3

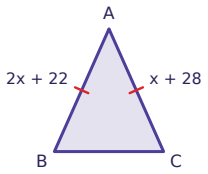
Isosceles & Equilateral Triangles · 15

ANSWER

104°

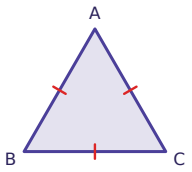
Isosceles & Equilateral Triangles · 17

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



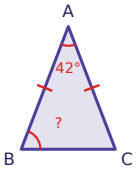
Isosceles & Equilateral Triangles · 18

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



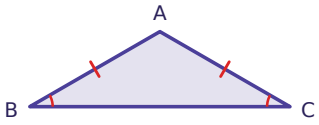
Isosceles & Equilateral Triangles · 19

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



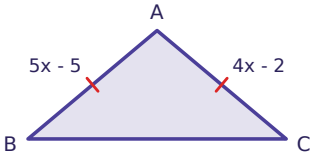
Isosceles & Equilateral Triangles · 20

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



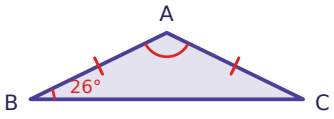
Isosceles & Equilateral Triangles · 21

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



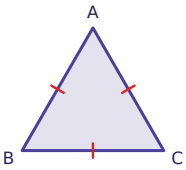
Isosceles & Equilateral Triangles · 22

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



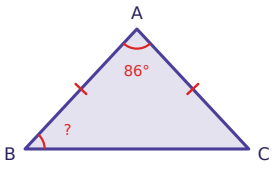
Isosceles & Equilateral Triangles · 23

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



Isosceles & Equilateral Triangles · 24

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



Isosceles & Equilateral Triangles · 18

ANSWER

6

Isosceles & Equilateral Triangles · 17

ANSWER

6

Isosceles & Equilateral Triangles · 20

ANSWER

5

Isosceles & Equilateral Triangles · 19

ANSWER

69°

Isosceles & Equilateral Triangles · 22

ANSWER

5

Isosceles & Equilateral Triangles · 21

ANSWER

3

Isosceles & Equilateral Triangles · 24

ANSWER

47°

Isosceles & Equilateral Triangles · 23

ANSWER

3