Solutions – Area of a Triangle (A)

In triangle ABC, side AB = 15 cm, side AC = 25 cm and ∠BAC = 64°. Find the area of the triangle to one decimal place.
168.5 cm²

In triangle ABC, side AB = 7 cm, side AC = 7 cm and ∠BAC = 37°. Find the area of the triangle to one decimal place.
14.7 cm²

In triangle ABC, side AB = 14 cm, side AC = 12 cm and ∠BAC = 115°. Find the area of the triangle to one decimal place.
76.1 cm²

In triangle ABC, side AB = 12 cm, side AC = 24 cm and ∠BAC = 47°. Find the area of the triangle to one decimal place.
105.3 cm²

In triangle ABC, side AB = 6 cm, side AC = 8 cm and ∠BAC = 52°. Find the area of the triangle to one decimal place.
18.9 cm²

Solutions – Area of a Triangle (B)

In triangle ABC, side AB = 7 cm, side AC = 18 cm and ∠BAC = 54°. Find the area of the triangle to one decimal place.
51.0 cm²

In triangle ABC, side AB = 16 cm, side AC = 10 cm and ∠BAC = 66°. Find the area of the triangle to one decimal place.
73.1 cm²

In triangle ABC, side AB = 21 cm, side AC = 23 cm and ∠BAC = 45°. Find the area of the triangle to one decimal place.
170.8 cm²

In triangle ABC, side AB = 10 cm, side AC = 11 cm and ∠BAC = 92°. Find the area of the triangle to one decimal place.
55.0 cm²

In triangle ABC, side AB = 15 cm, side AC = 10 cm and ∠BAC = 105°. Find the area of the triangle to one decimal place.
72.4 cm²

Solutions – Area of a Triangle (C)

In triangle ABC, side AB = 19 cm, side AC = 25 cm and ∠BAC = 119°. Find the area of the triangle to one decimal place.
207.7 cm²

In triangle ABC, side AB = 5 cm, side AC = 9 cm and ∠BAC = 92°. Find the area of the triangle to one decimal place.
22.5 cm²

In triangle ABC, side AB = 19 cm, side AC = 24 cm and ∠BAC = 119°. Find the area of the triangle to one decimal place.
199.4 cm²

In triangle ABC, side AB = 9 cm, side AC = 9 cm and ∠BAC = 85°. Find the area of the triangle to one decimal place.
40.3 cm²

In triangle ABC, side AB = 11 cm, side AC = 9 cm and ∠BAC = 87°. Find the area of the triangle to one decimal place.
49.4 cm²

Solutions – Area of a Triangle (D)

In triangle ABC, side AB = 10 cm, side AC = 6 cm and ∠BAC = 95°.
Find the area of the triangle to one decimal place.
29.9 cm²

In triangle ABC, side AB = 10 cm, side AC = 6 cm and ∠BAC = 97°.
Find the area of the triangle to one decimal place.
29.8 cm²

In triangle ABC, side AB = 9 cm, side AC = 12 cm and ∠BAC = 93°.
Find the area of the triangle to one decimal place.
53.9 cm²

In triangle ABC, side AB = 18 cm, side AC = 15 cm and ∠BAC = 87°.
Find the area of the triangle to one decimal place.
134.8 cm²

In triangle ABC, side AB = 21 cm, side AC = 16 cm and ∠BAC = 98°.
Find the area of the triangle to one decimal place.
166.4 cm²

Solutions – Area of a Triangle (E)

In triangle ABC, side AB = 14 cm, side AC = 8 cm and ∠BAC = 43°.
Find the area of the triangle to one decimal place.
38.2 cm²

In triangle ABC, side AB = 9 cm, side AC = 22 cm and ∠BAC = 91°.
Find the area of the triangle to one decimal place.
99.0 cm²

In triangle ABC, side AB = 13 cm, side AC = 7 cm and ∠BAC = 120°.
Find the area of the triangle to one decimal place.
39.4 cm²

In triangle ABC, side AB = 11 cm, side AC = 19 cm and ∠BAC = 51°.
Find the area of the triangle to one decimal place.
81.2 cm²

In triangle ABC, side AB = 25 cm, side AC = 16 cm and ∠BAC = 91°.
Find the area of the triangle to one decimal place.
200.0 cm²

Solutions – Area of a Triangle (F)

In triangle ABC, side AB = 13 cm, side AC = 16 cm and ∠BAC = 39°. Find the area of the triangle to one decimal place.

65.4 cm²

In triangle ABC, side AB = 17 cm, side AC = 25 cm and ∠BAC = 104°. Find the area of the triangle to one decimal place.

206.2 cm²

In triangle ABC, side AB = 12 cm, side AC = 11 cm and ∠BAC = 36°. Find the area of the triangle to one decimal place.

38.8 cm²

In triangle ABC, side AB = 9 cm, side AC = 10 cm and ∠BAC = 32°. Find the area of the triangle to one decimal place.

23.8 cm²

In triangle ABC, side AB = 14 cm, side AC = 18 cm and ∠BAC = 89°. Find the area of the triangle to one decimal place.

126.0 cm²

Solutions – Area of a Triangle (G)

In triangle ABC, side AB = 25 cm, side AC = 10 cm and ∠BAC = 30°.
Find the area of the triangle to one decimal place.
62.5 cm²

In triangle ABC, side AB = 7 cm, side AC = 21 cm and ∠BAC = 86°.
Find the area of the triangle to one decimal place.
73.3 cm²

In triangle ABC, side AB = 20 cm, side AC = 24 cm and ∠BAC = 68°.
Find the area of the triangle to one decimal place.
222.5 cm²

In triangle ABC, side AB = 12 cm, side AC = 5 cm and ∠BAC = 92°.
Find the area of the triangle to one decimal place.
30.0 cm²

In triangle ABC, side AB = 5 cm, side AC = 13 cm and ∠BAC = 105°.
Find the area of the triangle to one decimal place.
31.4 cm²

Solutions – Area of a Triangle (H)

In triangle ABC, side AB = 12 cm, side AC = 5 cm and ∠BAC = 104°.
Find the area of the triangle to one decimal place.
29.1 cm²

In triangle ABC, side AB = 14 cm, side AC = 9 cm and ∠BAC = 57°.
Find the area of the triangle to one decimal place.
52.8 cm²

In triangle ABC, side AB = 11 cm, side AC = 20 cm and ∠BAC = 41°.
Find the area of the triangle to one decimal place.
72.2 cm²

In triangle ABC, side AB = 20 cm, side AC = 18 cm and ∠BAC = 80°.
Find the area of the triangle to one decimal place.
177.3 cm²

In triangle ABC, side AB = 18 cm, side AC = 13 cm and ∠BAC = 64°.
Find the area of the triangle to one decimal place.
105.2 cm²

Solutions – Area of a Triangle (I)

In triangle ABC, side AB = 9 cm, side AC = 7 cm and ∠BAC = 101°.
Find the area of the triangle to one decimal place.
30.9 cm²

In triangle ABC, side AB = 11 cm, side AC = 24 cm and ∠BAC = 63°.
Find the area of the triangle to one decimal place.
117.6 cm²

In triangle ABC, side AB = 6 cm, side AC = 14 cm and ∠BAC = 91°.
Find the area of the triangle to one decimal place.
42.0 cm²

In triangle ABC, side AB = 6 cm, side AC = 17 cm and ∠BAC = 118°.
Find the area of the triangle to one decimal place.
45.0 cm²

In triangle ABC, side AB = 19 cm, side AC = 19 cm and ∠BAC = 43°.
Find the area of the triangle to one decimal place.
123.1 cm²

Solutions – Area of a Triangle (J)

In triangle ABC, side AB = 8 cm, side AC = 8 cm and ∠BAC = 56°. Find the area of the triangle to one decimal place.
26.5 cm²

In triangle ABC, side AB = 8 cm, side AC = 19 cm and ∠BAC = 111°. Find the area of the triangle to one decimal place.
71.0 cm²

In triangle ABC, side AB = 25 cm, side AC = 18 cm and ∠BAC = 32°. Find the area of the triangle to one decimal place.
119.2 cm²

In triangle ABC, side AB = 23 cm, side AC = 21 cm and ∠BAC = 101°. Find the area of the triangle to one decimal place.
237.1 cm²

In triangle ABC, side AB = 18 cm, side AC = 7 cm and ∠BAC = 70°. Find the area of the triangle to one decimal place.
59.2 cm²