Answer on Question #82591 – Math – Geometry

Question

Approximate the distance btw the point (-3,19) (-7,-5) to the nearest tenth.

Solution

Distance between two points can be found with formula:

$$\sqrt{(x_2-x_1)^2+(y_2-y_1)^2}$$

using this formula:

$$\sqrt{(-7-(-3))^2+(-5-19)^2}=\sqrt{592}\approx 24.33105\approx 24.3$$

Answer: 24.3.