Calcular altura do triângulo ABC relativo ao vértice C são dadas as coordenadas A (2,5) B (-3,-5) e C (-2,3 ).

$d\left(AM\right)=\sqrt{\left(-2-\left(-\frac{1}{2}\right)\right)^{2}+\left(3-0\right)^{2}}$

$$d\left(AM\right)=\sqrt{\left(-\frac{3}{2}\right)^{2}+3^{2}}=\sqrt{\frac{9}{4}+9}=\sqrt{45}=\sqrt{3².5}=3\sqrt{5}$$

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