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## Opgave 007

Find distancen AB

$$b = 2$$

$$x = 2.24$$

$$l = 4$$

$$h = 3$$

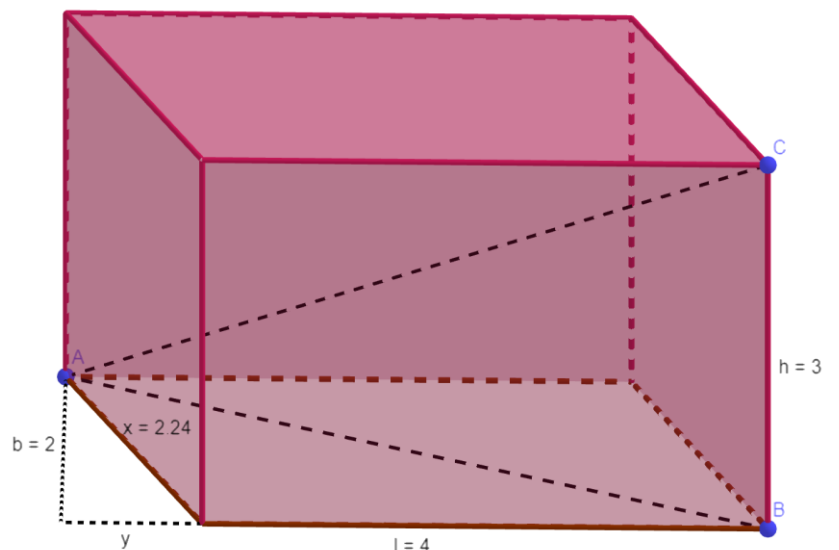
$$y = \sqrt{x^2 - b^2}$$

$$y = \sqrt{2.24^2 - 2^2} \quad | \text{ Indsæt tal}$$

$$y = \sqrt{5.02 - 4} \quad | \text{ Potens}$$

$$y = \sqrt{1.02} \quad | \text{ Minus}$$

$$y = 1 \quad | \text{ Kvrod}$$



$$AB = \sqrt{b^2 + (y + l)^2}$$

$$AB = \sqrt{2^2 + (1 + 4)^2} \quad | \text{ Indsæt tal}$$

$$AB = \sqrt{2^2 + 5^2} \quad | \text{ Parentes}$$

$$AB = \sqrt{4 + 25} \quad | \text{ Potens}$$

$$AB = \sqrt{29} \quad | \text{ Plus}$$

$$AB = 5.39 \quad | \text{ Kvrod}$$

$$AC = \sqrt{AB^2 + h^2}$$

$$AC = \sqrt{5.39^2 + 3^2} \quad | \text{ Indsæt tal}$$

$$AC = \sqrt{29 + 9} \quad | \text{ Potens}$$

$$AC = \sqrt{38} \quad | \text{ Plus}$$

$$AC = 6.16 \quad | \text{ Kvrod}$$

ALLE FACIT PASSER