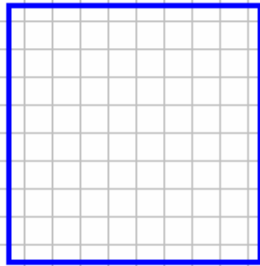


Kvadratrötter

1/4



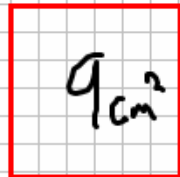
5cm

5cm

$$A = 5^2$$



← kvadratrot



9cm²

En sida?

$$\sqrt{9} = 3 \text{ cm}$$

Ex:

En sida i kvadrat	$\sqrt{\quad}$
2	4
3	9
4	16
5	25
6	36
7	49
8	64

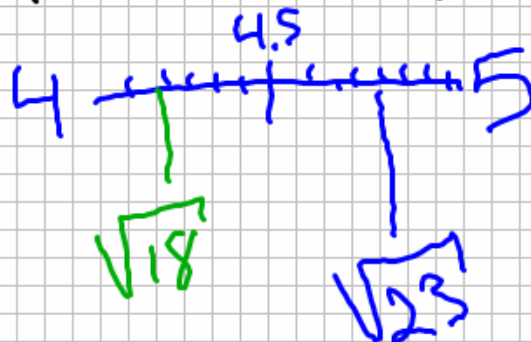
Men...

$\sqrt{23}$

$\sqrt{18}$

$\sqrt{16}$ jämf

$\sqrt{25}$



Räkning m. kvadratrötter.

$$\sqrt{5} \cdot \sqrt{5} = \sqrt{5 \cdot 5} = \sqrt{25} = 5$$

$$\sqrt{3} \cdot \sqrt{4} = \sqrt{12} = \begin{matrix} \text{uppskatta} \\ \sqrt{9} & \sqrt{16} \\ \text{ca } 3,46 \end{matrix}$$

$$\text{På minir} = \underline{\underline{3,46}}$$

$$\text{Svar: } 3,46$$

$$3\sqrt{4} = 3 \cdot 2 = 6$$

$$\frac{\sqrt{8}}{\sqrt{4}} = \sqrt{\frac{8}{4}} = \sqrt{2}$$

$$\frac{\sqrt{3} \cdot \cancel{\sqrt{3}} \cdot \cancel{\sqrt{3}}}{\cancel{\sqrt{3}} \cdot \cancel{\sqrt{3}}}$$

$$\frac{5/4 \cdot \cancel{5/4} \cdot \cancel{5/4}}{\cancel{5/4} \cdot \cancel{5/4}}$$