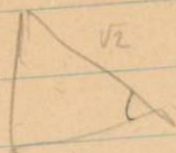


30%

1425



$$\sin 45^\circ = \frac{1}{\sqrt{2}} = \frac{10}{14} = 0,7$$

Höhl 800 - 1000

$$\cos 45^\circ = \frac{1}{\sqrt{2}} = \frac{1}{1,414}$$

0,71

180 mm/sch

①

1800

x

10 sch

2000

2000 sin 46

2500

2500 - 2000 cos 46°

$$\frac{x}{\sin 46^\circ} =$$

$$\sin 46^\circ = \frac{x}{2000}$$

$$\cos 46^\circ = \frac{y}{2000}$$

$$x = 2000 \sin 46$$

$$y = 2000 \cdot \cos 46^\circ$$

3200

$$\frac{2500 - 1800}{50} = \frac{700}{1,25}$$

$$\cos 46^\circ = \frac{x}{2000}$$

$$x = 2000 \cos 46$$

4270

4160

810

17,5

2000

1,39

2000

2780

$$a = \sqrt{2000^2 \cdot \sin^2 46 + 2000^2 (1,25 - \cos 46)^2}$$

2780

$$a = 2000 \sqrt{\sin^2 46 + 1,25^2 + \cos^2 46 - 2,5 \cos 46}$$

$$a = 2000 \sqrt{1 + 1,56 - 2,5 \cos 46}$$

$$a = 2000 \sqrt{2,56 - 2,5}$$

$$a = 2000 \sqrt{0,81}$$

$$a = 2000 \cdot 0,9 = 1800$$

$$\begin{array}{r} 1,25 \\ 2,56 \\ \hline 1,75 \\ 2,56 \\ \hline 2,5 \\ 0,81 \\ \hline 0,7 \\ 1,75 \end{array}$$

2000 sin 44

2880

$$\begin{array}{r} 1,25 \\ 1,25 \\ \hline 6,25 \\ 250 \\ \hline 125 \\ 156,25 \end{array}$$