

De antwoorden

Herleid:

1. $\sqrt{200} = 10\sqrt{2}$
2. $\sqrt{75} = 5\sqrt{3}$
3. $\sqrt{98} = 7\sqrt{2}$
4. $\sqrt{20} = 2\sqrt{5}$
5. $\sqrt{18} = 3\sqrt{2}$
6. $\sqrt{125} = 5\sqrt{5}$
7. $\sqrt{360} = 6\sqrt{10}$
8. $\sqrt{48} = 4\sqrt{3}$
9. $\sqrt{162} = 9\sqrt{2}$
10. $\sqrt{28} = 2\sqrt{7}$

Herleid:

1. $\sqrt{2\frac{1}{2}} = \sqrt{\frac{5}{2}} = \frac{\sqrt{5}}{\sqrt{2}} \times \frac{\sqrt{2}}{\sqrt{2}} = \frac{1}{2}\sqrt{10}$
2. $\sqrt{3\frac{1}{2}} = \frac{\sqrt{7}}{\sqrt{2}} = \frac{1}{2}\sqrt{14}$
3. $\sqrt{1\frac{1}{4}} = \sqrt{\frac{5}{4}} = \frac{1}{2}\sqrt{5}$
4. $\sqrt{3\frac{1}{5}} = \sqrt{\frac{16}{5}} = 4\sqrt{\frac{1}{5}} = 4\sqrt{\frac{5}{25}} = \frac{4}{5}\sqrt{5}$
5. $\sqrt{4\frac{1}{4}} = \sqrt{\frac{17}{4}} = \frac{1}{2}\sqrt{17} =$

Wortels uit de noemer:

1. $\frac{2}{\sqrt{3}} = \frac{2\sqrt{3}}{3} = \frac{2}{3}\sqrt{3}$
2. $\frac{10}{\sqrt{5}} = \frac{10\sqrt{5}}{5} = 2\sqrt{5}$
3. $\frac{2}{\sqrt{2}} = \frac{\sqrt{2} \cdot \sqrt{2}}{\sqrt{2}} = \sqrt{2}$
4. $\frac{6}{\sqrt{3}} = \frac{6\sqrt{3}}{3} = 2\sqrt{3}$
5. $\frac{4}{\sqrt{2}} = \frac{2 \cdot \sqrt{2} \cdot \sqrt{2}}{\sqrt{2}} = 2\sqrt{2}$