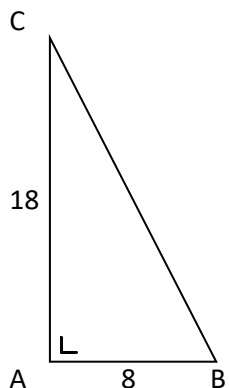


**ROND BIJ DE ANTWOORDEN HOEKEN AF OP HELE GRADEN EN ZIJDES OP 1 DECIMAAL ACHTER DE KOMMA
LET OP, DE DRIEHOEKEN ZIJN SLECHTS SCHETSEN EN STAAN NIET PERSÉ IN VERHOUDING TOT DE WERKELIJKHEID**

1.

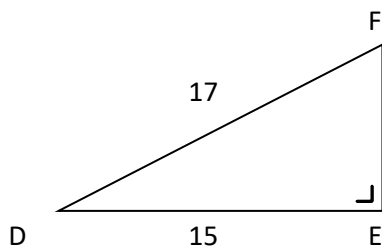


Bereken hoek C

$$\tan C = \frac{8}{18}$$

$$C = 24^\circ$$

2.*



Bereken hoek D

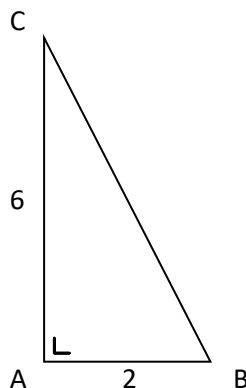
$$\tan D = \frac{15}{EF}$$

$$EF = \sqrt{17^2 - 15^2} = \sqrt{64} = 8$$

$$\tan D = \frac{15}{8}$$

$$D = 62^\circ$$

3.

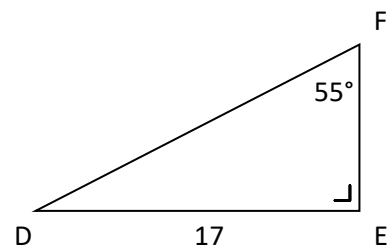


Bereken hoek C

$$\tan C = \frac{2}{6}$$

$$C = 18^\circ$$

4.

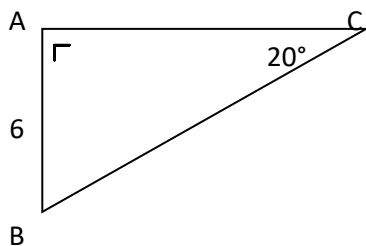


Bereken zijde EF

$$\tan 55^\circ = \frac{17}{EF}$$

$$EF = 11,9$$

5.

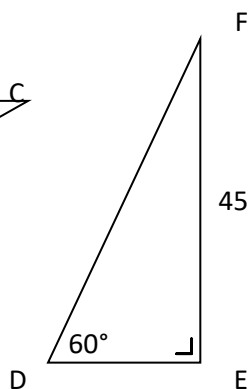


Bereken AC

$$\tan 20^\circ = \frac{6}{AC}$$

$$AC = 16,5$$

6.

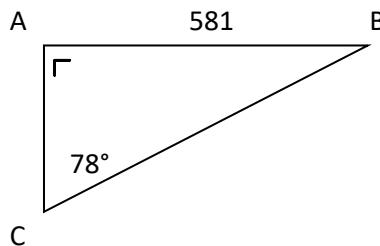


Bereken DE

$$\tan 60^\circ = \frac{45}{DE}$$

$$DE = 26,0$$

7.

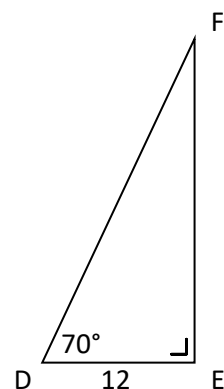


Bereken AC

$$\tan 78^\circ = \frac{581}{AC}$$

$$AC = 123,5$$

8.



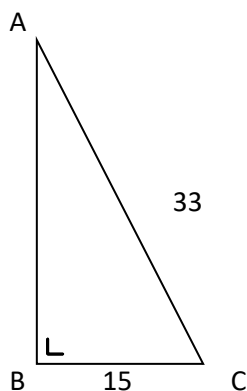
Bereken EF

$$\tan 70^\circ = \frac{EF}{12}$$

$$EF = 33,0$$

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LET OP, DE DRIEHOEKEN ZIJN SLECHTS SCHETSEN EN STAAN NIET PERSÉ IN VERHOUDING TOT DE WERKELIJKHEID**

9.*



Bereken hoek A

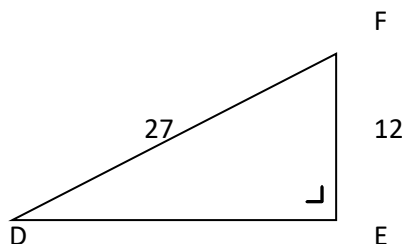
$$\tan A = \frac{15}{AB}$$

$$AB = \sqrt{33^2 - 15^2} = \sqrt{864}$$

$$\tan A = \frac{15}{\sqrt{864}}$$

$$A = 27^\circ$$

10.*



Bereken hoek D

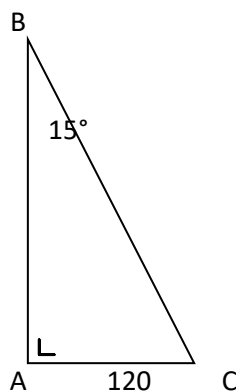
$$\tan D = \frac{12}{DE}$$

$$DE = \sqrt{27^2 - 12^2} = \sqrt{585}$$

$$\tan D = \frac{12}{\sqrt{585}}$$

$$D = 26^\circ$$

11.



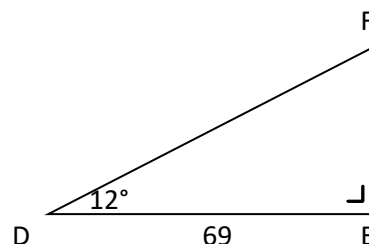
Bereken hoek C

$$C = 180^\circ - A - B$$

$$= 180^\circ - 90^\circ - 15^\circ$$

$$C = 75^\circ$$

12.

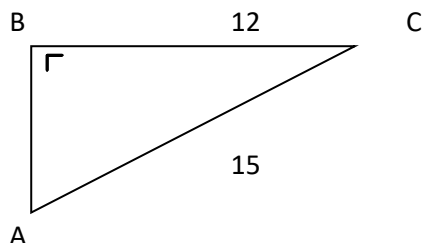


Bereken EF

$$\tan 12 = \frac{EF}{69}$$

$$EF = 14,7$$

13.*



Bereken hoek A

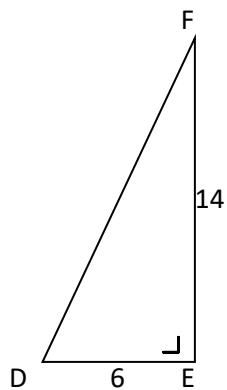
$$\tan A = \frac{12}{AB}$$

$$AB = \sqrt{15^2 - 12^2} = \sqrt{81} = 9$$

$$\tan A = \frac{12}{9}$$

$$A = 53^\circ$$

14.

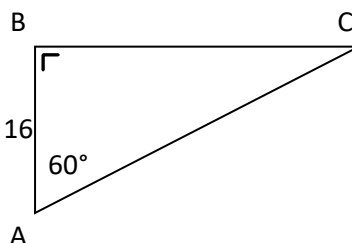


Bereken hoek F

$$\tan F = \frac{6}{14}$$

$$F = 23^\circ$$

15.*



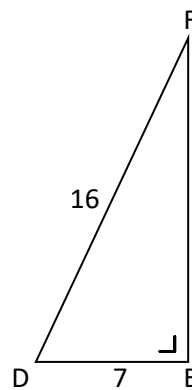
Bereken AC

$$\tan 60^\circ = \frac{BC}{16}$$

$$BC = 27,7$$

$$AC = \sqrt{16^2 + 27,7^2} = \sqrt{1024} = 32$$

16.*



Bereken hoek D

$$\tan D = \frac{EF}{7}$$

$$EF = \sqrt{16^2 - 7^2} = \sqrt{207}$$

$$\tan D = \frac{\sqrt{207}}{7}$$

$$D = 64,1$$