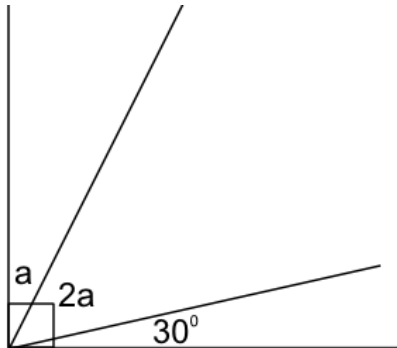




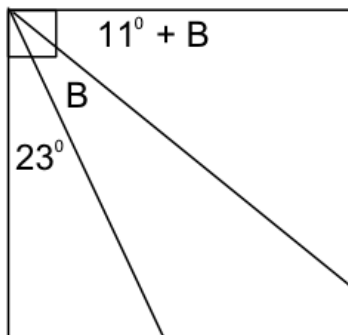
Drukbare assesserings CAMI Wiskunde: Graad 8

Meetkunde van reguit lyne

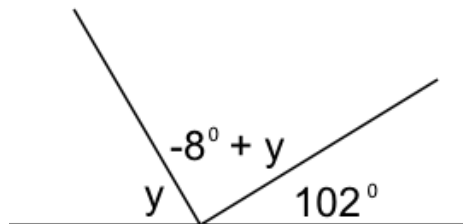
1. Bereken die grootte van a .



2. Bereken die grootte van B .



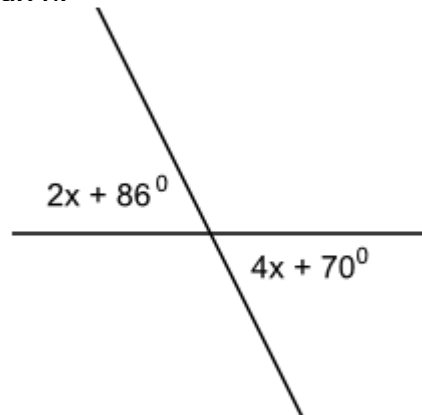
3. Bereken die grootte van y .



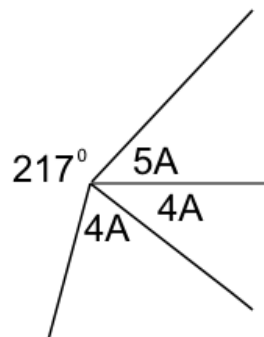


Drukbare assesserings CAMI Wiskunde: Graad 8

3. Bereken die grootte van x .



4. Bereken die grootte van A .





Drukbare assesserings CAMI Wiskunde: Graad 8

MEMO

1. Bereken die grootte van a. [8.2.1.1]

$$\begin{aligned}a + 2a + 30^\circ &= 180^\circ && \text{(Komplementêre } \angle\text{'e)} \\3a &= 180^\circ - 30^\circ \\3a &= 150^\circ \\a &= 50^\circ\end{aligned}$$

2. Bereken die grootte van B. [8.2.2.2]

$$\begin{aligned}23^\circ + B + 11^\circ + B &= 90^\circ && \text{(Komplementêre } \angle\text{'e)} \\2B &= 90^\circ - 34^\circ \\2B &= 56^\circ \\B &= 28^\circ\end{aligned}$$

3. Bereken die grootte van y. [8.2.2.1; 8.2.2.2]

$$\begin{aligned}y + (-8^\circ + y) + 102^\circ &= 180^\circ && \text{(Supplementêre } \angle\text{'e)} \\2y &= 180^\circ - 102^\circ + 8^\circ \\2y &= 86^\circ \\y &= 43^\circ\end{aligned}$$

4. Bereken die grootte van x. [8.2.3.1; 8.2.3.2]

$$\begin{aligned}2x + 86^\circ &= 4x + 70^\circ && \text{(Regoorstaande } \angle\text{'e)} \\-2x &= 70^\circ - 86^\circ \\-2x &= -16^\circ \\x &= -8^\circ\end{aligned}$$

5. Bereken die grootte van A. [8.2.4.1; 8.2.4.2]

$$\begin{aligned}217^\circ + 5A + 4A + 4A &= 360^\circ && (\angle\text{'e om 'n punt)} \\13A &= 360^\circ - 217^\circ \\13A &= 143^\circ \\A &= 11^\circ\end{aligned}$$