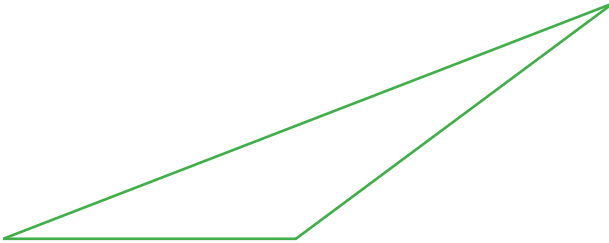


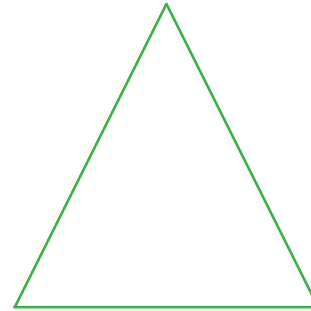
Dreiecke zeichnen

Zeichne die vorgegebenen Dreiecke! Du kannst die Maße und Winkel selbst bestimmen!

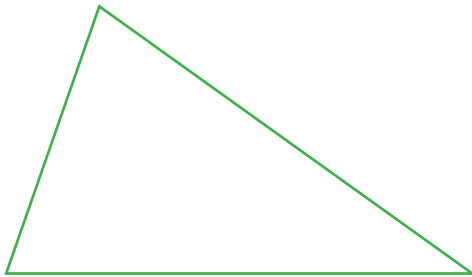
stumpfwinkliges Dreieck:



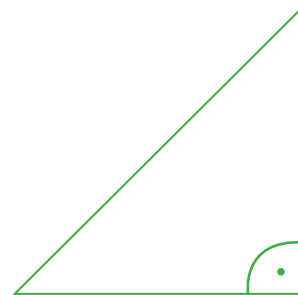
gleichschenkliges Dreieck:



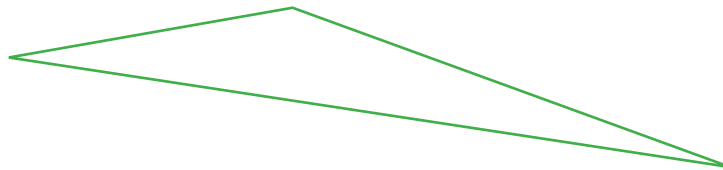
spitzwinkliges Dreieck:



rechtwinkliges Dreieck:



ungleichseitiges Dreieck:



Bestimme den fehlenden Winkel! Erinnerung: die Winkelsumme in einem Dreieck ist!

a.) $\alpha = 60^\circ$; $\beta = 40^\circ$

$\gamma = \underline{80^\circ}$

b.) $\beta = 110^\circ$; $\gamma = 20^\circ$

$\alpha = \underline{50^\circ}$

c.) $\alpha = 50,5^\circ$; $\gamma = 40,5^\circ$

$\beta = \underline{89^\circ}$

d.) $\alpha = 25^\circ$; $\beta = 95^\circ$

$\gamma = \underline{60^\circ}$

e.) $\beta = 32,5^\circ$; $\gamma = 43,6^\circ$

$\alpha = \underline{103,9^\circ}$

f.) $\alpha = 86,4^\circ$; $\beta = 32,6^\circ$

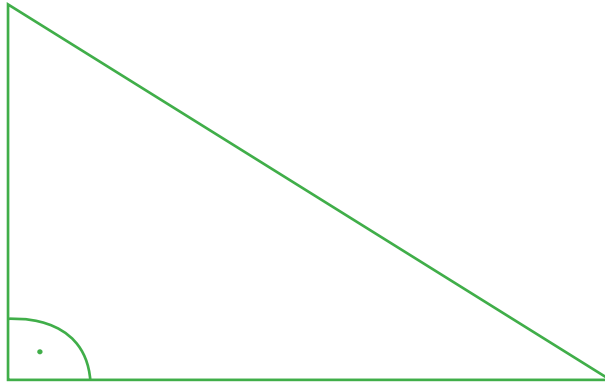
$\gamma = \underline{63^\circ}$

Dreiecke zeichnen

Zeichne folgende Dreiecke und bestimme die Art des Dreiecks:

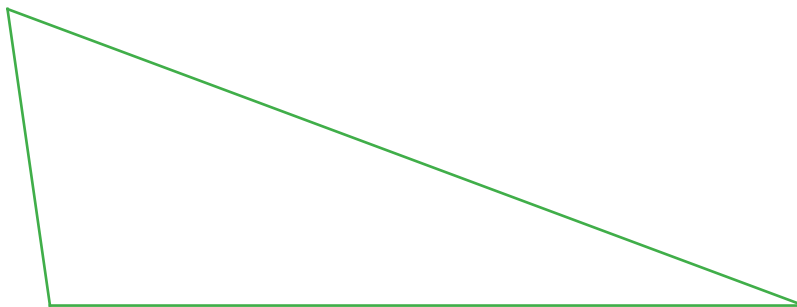
a.) $a = 8 \text{ cm}$
 $c = 5 \text{ cm}$
 $\beta = 90^\circ$

rechtwinkliges Dreieck



b.) $b = 10 \text{ cm}$
 $c = 4 \text{ cm}$
 $\alpha = 98^\circ$

stumpfwinkliges Dreieck



c.) $a = 4 \text{ cm}$
 $\beta = 64^\circ$
 $\gamma = 64^\circ$

gleichschenkliges Dreieck

