

7:1 Enheter för massa

1 a) $6 \text{ hg} = \underline{0,6} \text{ kg}$ b) $2 \text{ hg} = \underline{0,2} \text{ kg}$ c) $9 \text{ hg} = \underline{0,9} \text{ kg}$

2 a) $0,5 \text{ kg} = \underline{5} \text{ hg}$ b) $0,4 \text{ kg} = \underline{4} \text{ hg}$ c) $0,7 \text{ kg} = \underline{7} \text{ hg}$

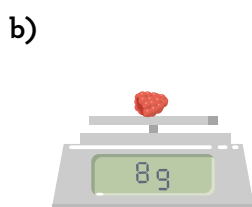
3 a) $61 \text{ hg} = \underline{6,1} \text{ kg}$ b) $33 \text{ hg} = \underline{3,3} \text{ kg}$ c) $95 \text{ hg} = \underline{9,5} \text{ kg}$

4 a) $1,2 \text{ kg} = \underline{12} \text{ hg}$ b) $7,4 \text{ kg} = \underline{74} \text{ hg}$ c) $9,3 \text{ kg} = \underline{93} \text{ hg}$

5 Hur många kg är



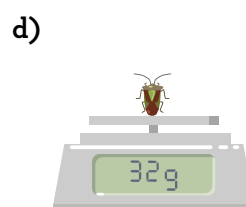
0,001 kg



0,008 kg



0,02 kg



0,032 kg

6 a) $0,005 \text{ kg} = \underline{5} \text{ g}$ b) $0,076 \text{ kg} = \underline{76} \text{ g}$ c) $\underline{49} \text{ g} = 0,049 \text{ kg}$

7 a) $300 \text{ g} = \underline{0,3} \text{ kg}$ b) $\underline{0,802} \text{ kg} = 802 \text{ g}$ c) $9\,624 \text{ g} = \underline{9,624} \text{ kg}$

8 Hur många g är



1200 g



430 g



3750 g



978 g

9 Skriv egna enhetsomvandlingar.

a) $\underline{1} \text{ kg} = \underline{10} \text{ hg}$

b) $\underline{1\,000} \text{ g} = \underline{1} \text{ kg}$

c) $\underline{1} \text{ hg} = \underline{0,1} \text{ kg}$

7:2 Mer enheter för massa

1 a) $3 \text{ g} = \underline{0,03} \text{ hg}$ b) $7 \text{ g} = \underline{0,07} \text{ hg}$ c) $5 \text{ g} = \underline{0,05} \text{ hg}$

2 a) $60 \text{ g} = \underline{0,6} \text{ hg}$ b) $71 \text{ g} = \underline{0,71} \text{ hg}$ c) $39 \text{ g} = \underline{0,39} \text{ hg}$

3 a) $0,04 \text{ hg} = \underline{4} \text{ g}$ b) $0,09 \text{ hg} = \underline{9} \text{ g}$ c) $0,02 \text{ hg} = \underline{2} \text{ g}$

4 a) $0,5 \text{ hg} = \underline{50} \text{ g}$ b) $0,74 \text{ hg} = \underline{74} \text{ g}$ c) $0,26 \text{ hg} = \underline{26} \text{ g}$

5 Hur många hg är

a)



210 g

2,1 hg

b)



50 g

0,5 hg

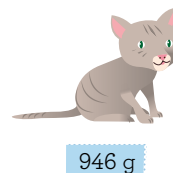
c)



388 g

3,88 hg

d)



946 g

9,46 hg

6 Skriv egna enhetsomvandlingar.

a) $\underline{100} \text{ g} = \underline{1} \text{ hg}$

b) $\underline{2} \text{ hg} = \underline{200} \text{ g}$

c) $\underline{300} \text{ g} = \underline{3} \text{ hg}$

7 Jämför massorna och storleksordna dem. Börja med den tyngsta.



0,96 hg



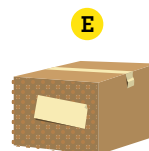
1,62 kg



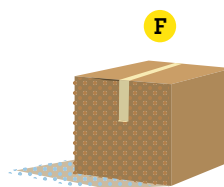
1 231 g



17,5 hg



928 g



1,99 kg

F D B C E A

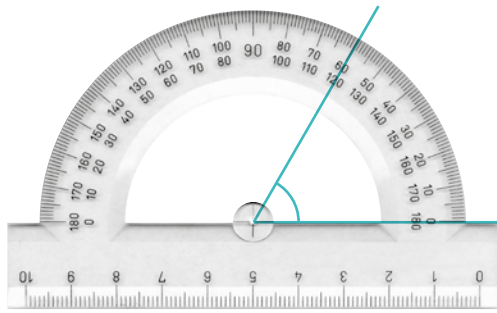
7:3 Mäta massa

Välj några olika föremål i klassrummet.
Uppskatta först massan och fyll i tabellen.
Väg sedan föremålet och fyll i den uppmätta massan.
Lägg till valfria föremål.

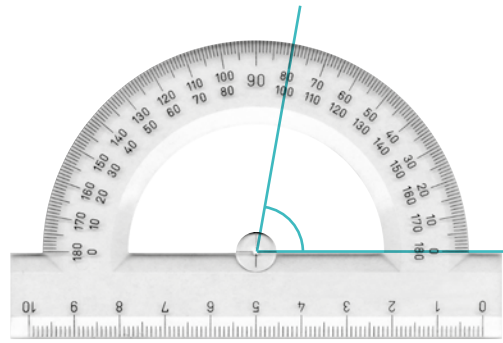
Föremål	Uppskattad massa	Uppmätt massa i gram	Uppmätt massa i hektogram	Uppmätt massa i kilogram
Din mattebok				
En penna				



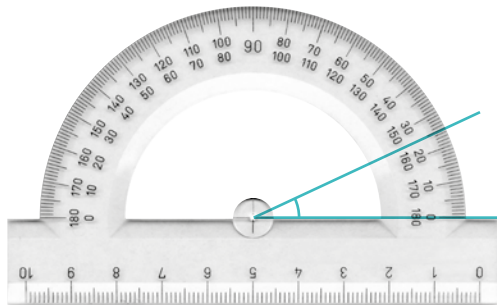
7:4 Mäta vinklar



60°



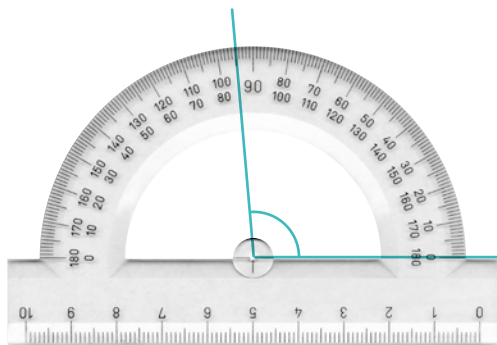
80°



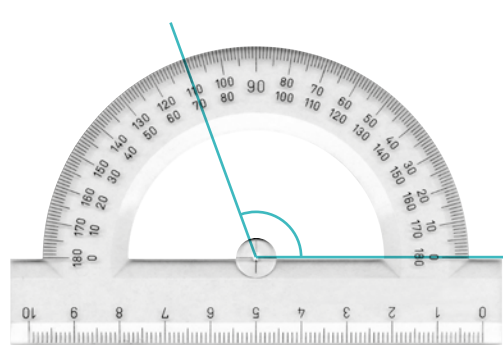
25°



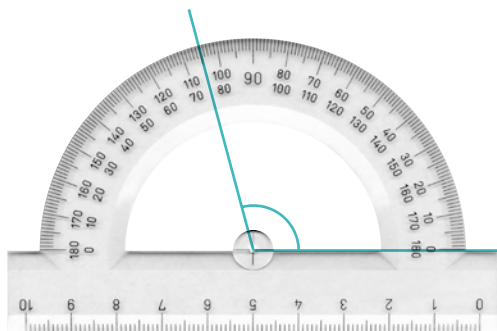
45°



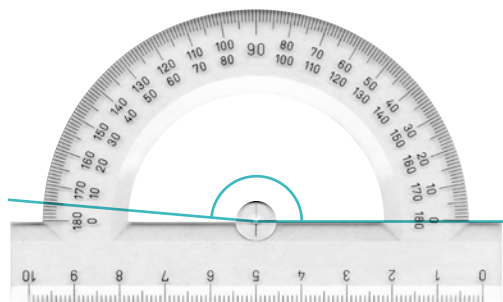
95°



110°

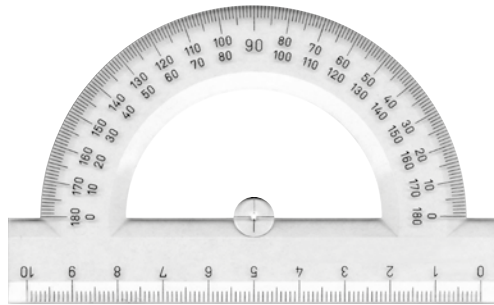
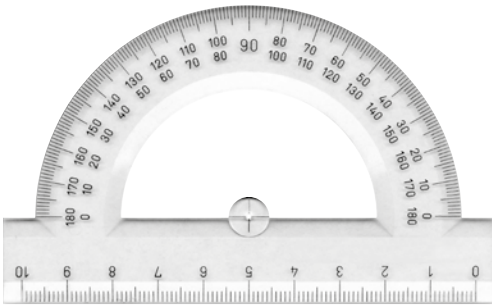
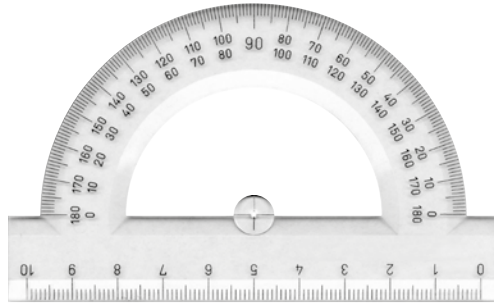
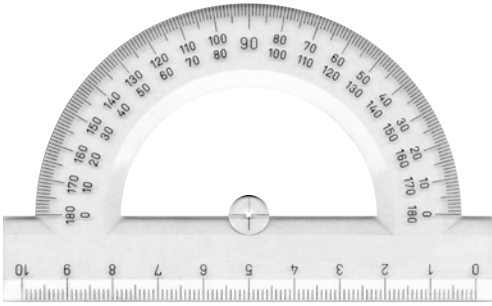
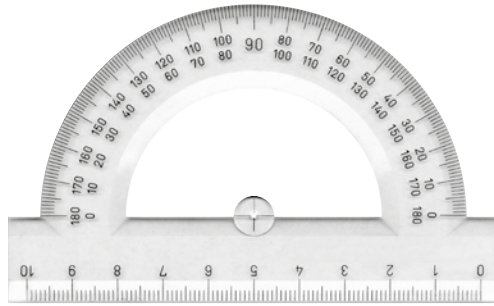
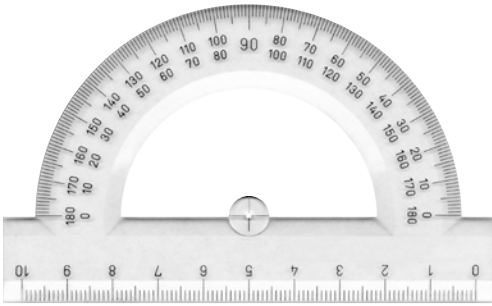
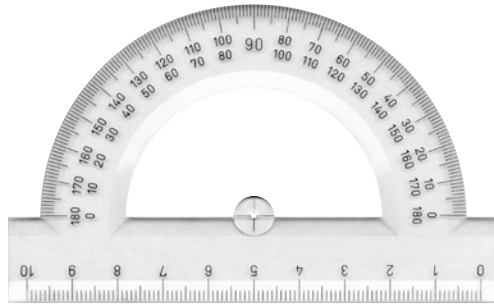
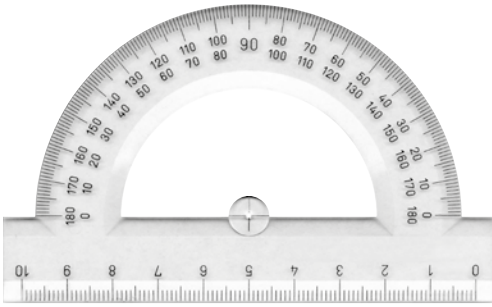


105°



175°

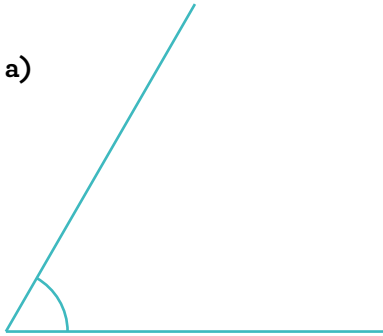
7:5 Mäta egna vinklar



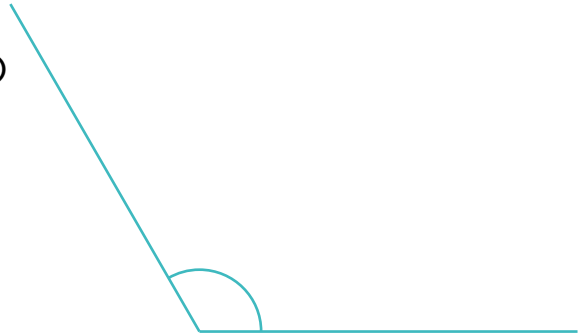
7:6 Mera vinklar

Fundera på om vinkeln är spetsig eller trubbig.
Mät vinkelns storlek med gradskiva.

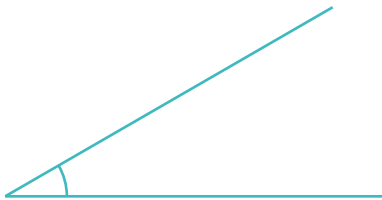
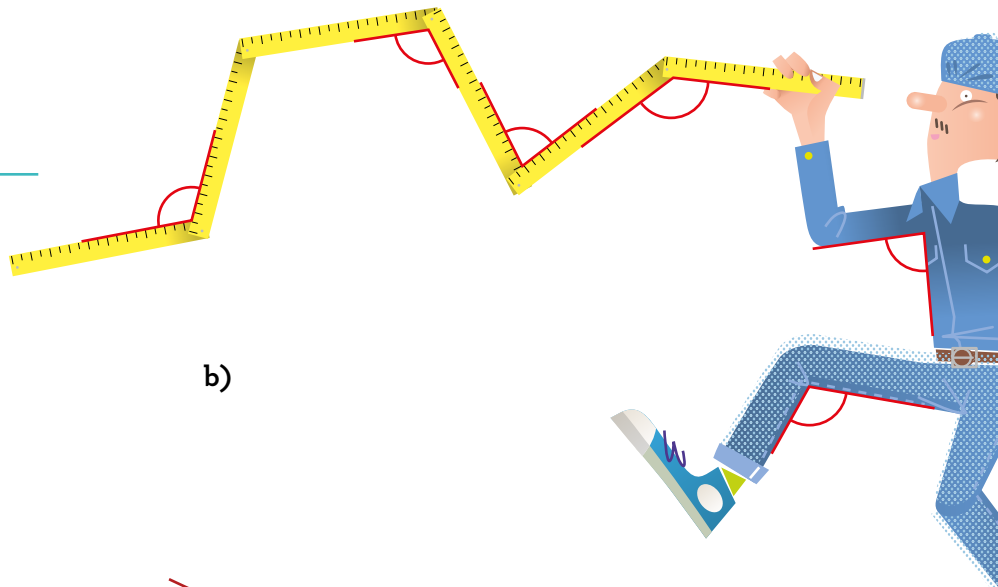
1 a)

60°

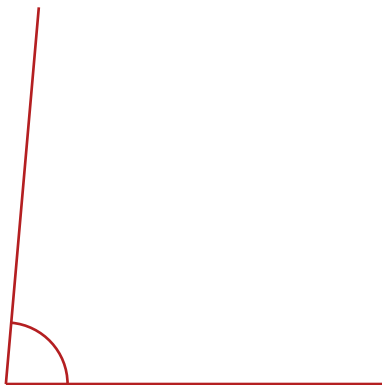
b)

120°

c)

30°

2 a)

85°

b)

155°

c)

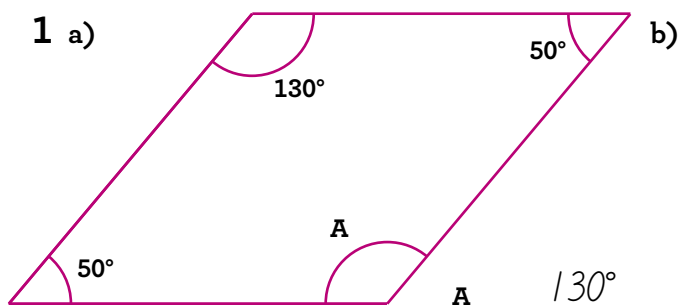
25°

7:7 Vinkelsumma fyrhörningar

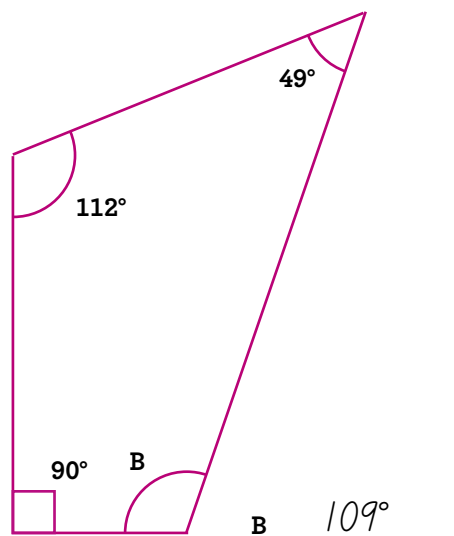


Räkna ut vinkeln.

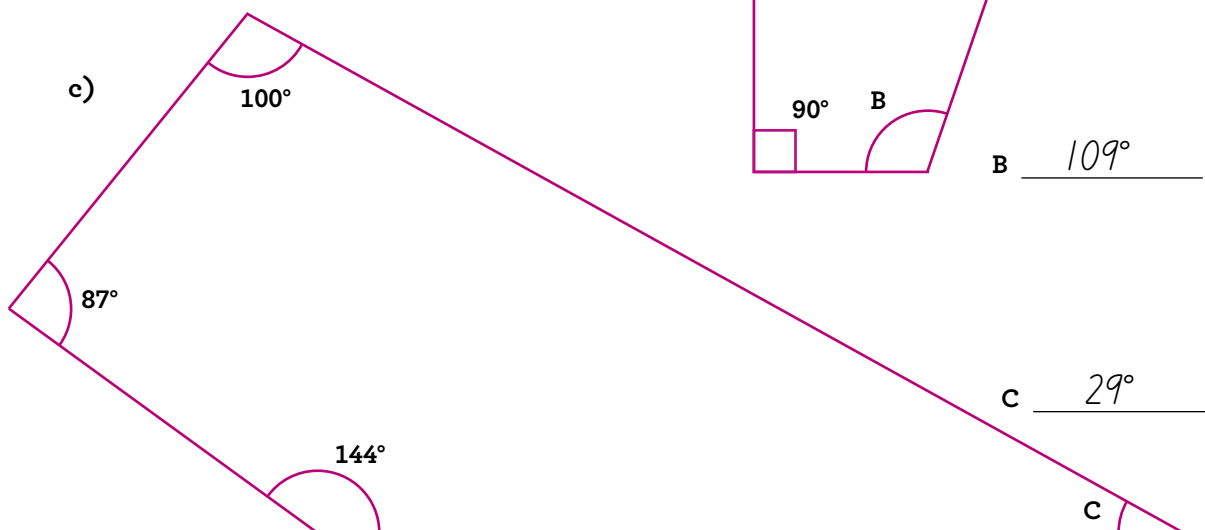
1 a)



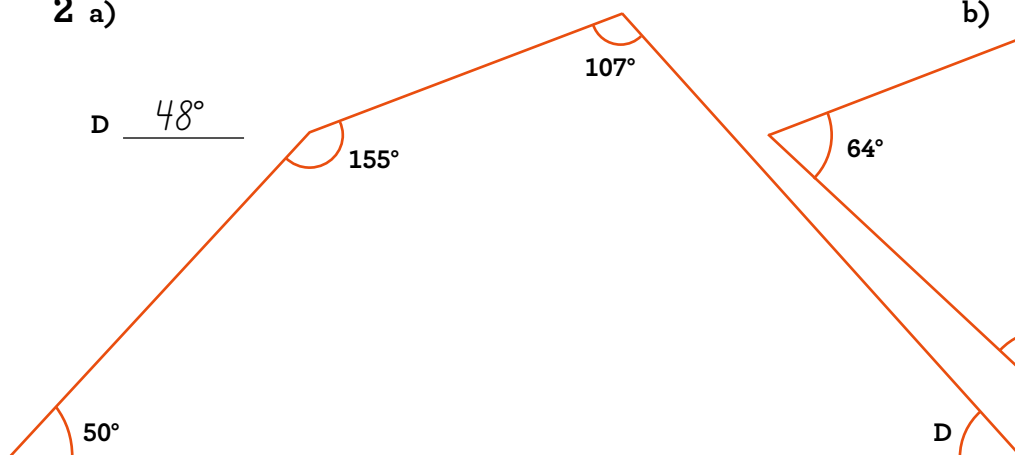
b)



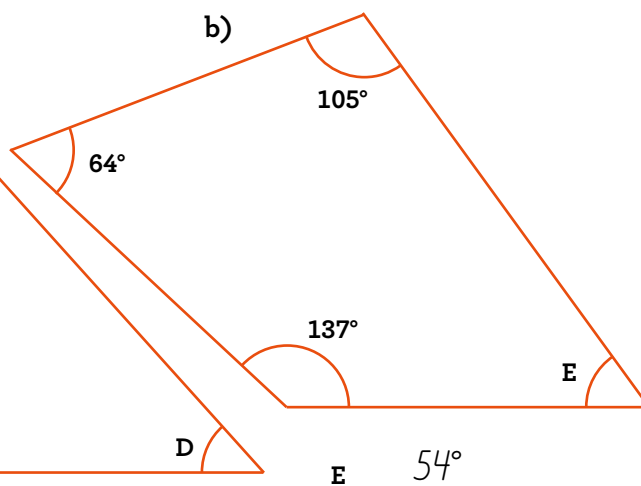
c)



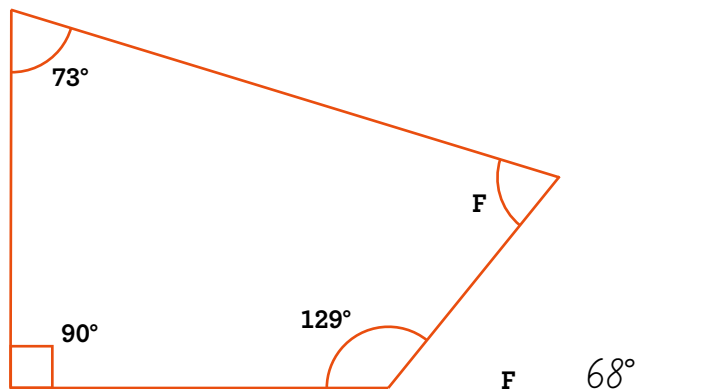
2 a)



b)



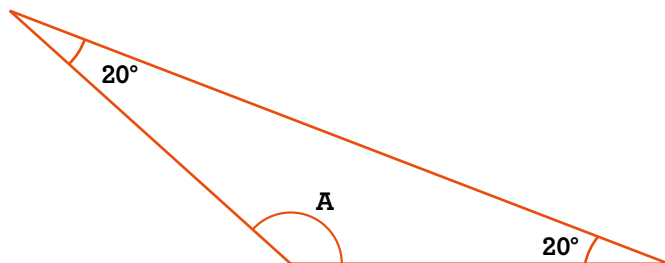
c)



7:8 Vinkelsumma trianglar

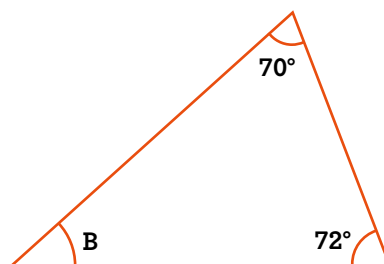
Räkna ut vinkeln.

1 a)



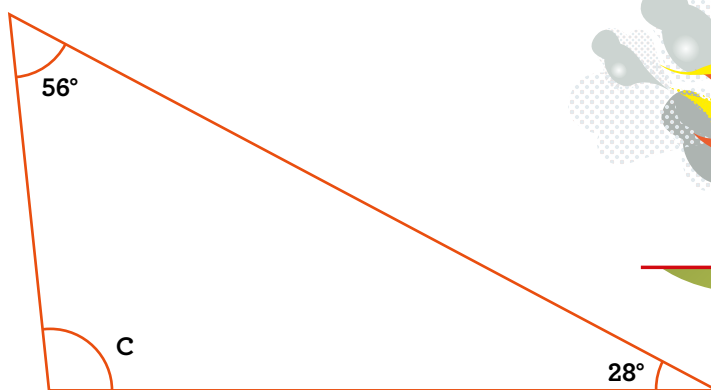
A 140°

b)

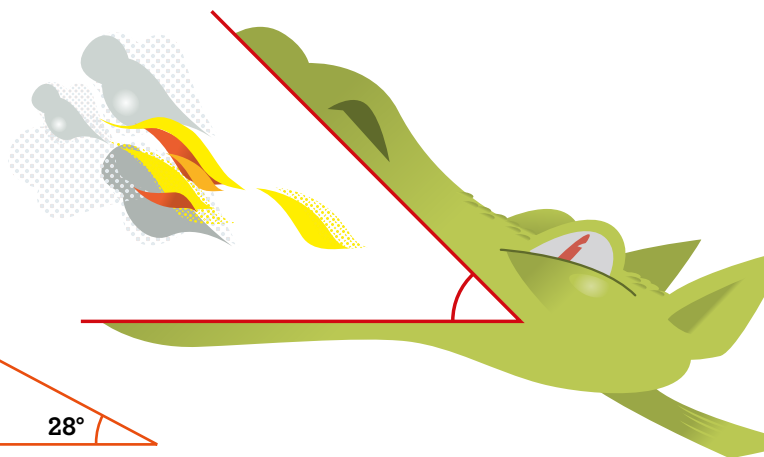


B 38°

c)



c 96°



2 a) Rita tre triangler och mät vinklarnas storlek.

b) Kontrollera att vinkelsumman stämmer.