

Per ogni coppia di segmenti disegna il segmento somma e quello differenza utilizzando il compasso.

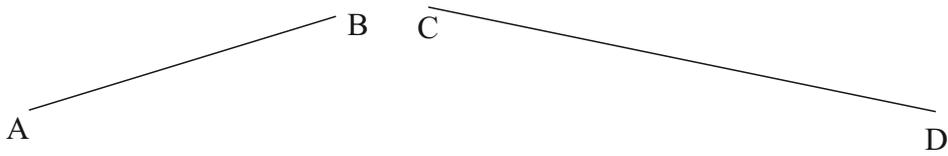
a)



Somma

Differenza

b)



Somma

Differenza

Suddividi ciascun segmento nel numero di parti indicato

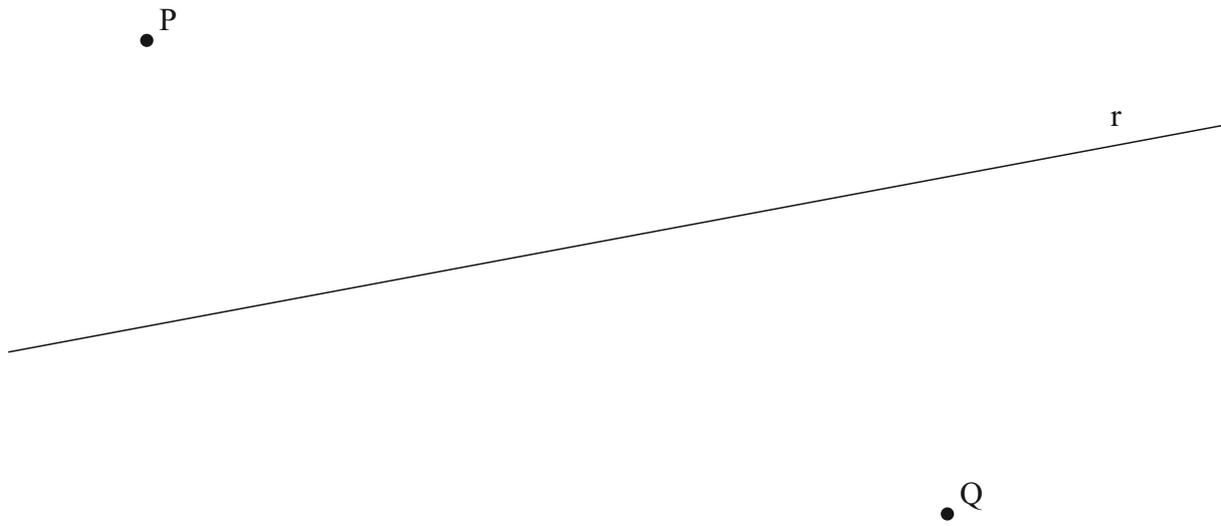
a) parti 4



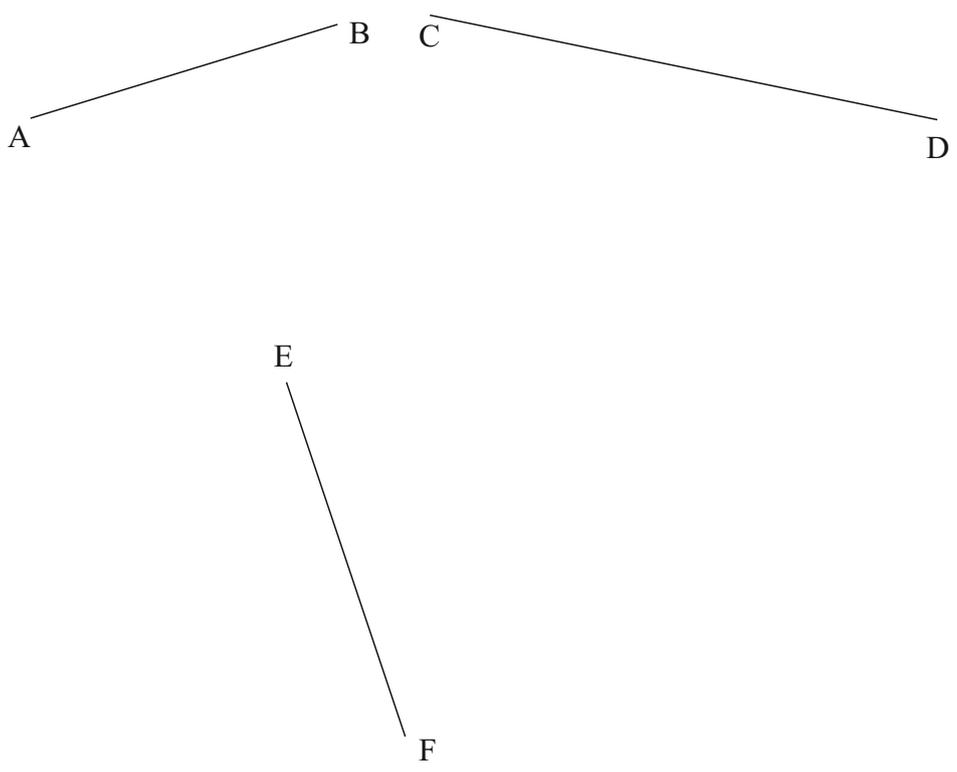
b) parti 7



Utilizzando la squadra traccia la perpendicolare passante per i punti indicate alla retta  $r$

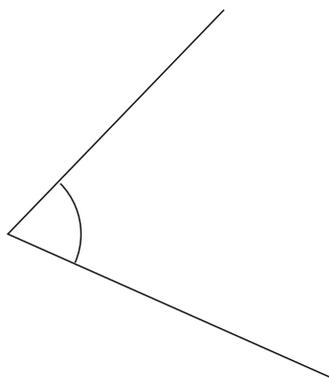
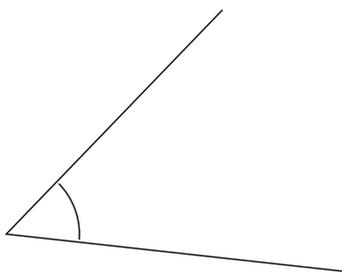


Utilizzando il compasso traccia l'asse di ciascun segmento

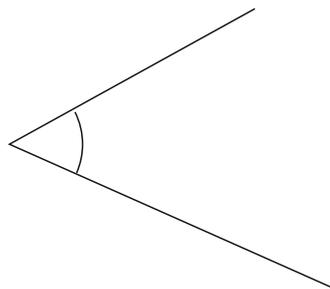
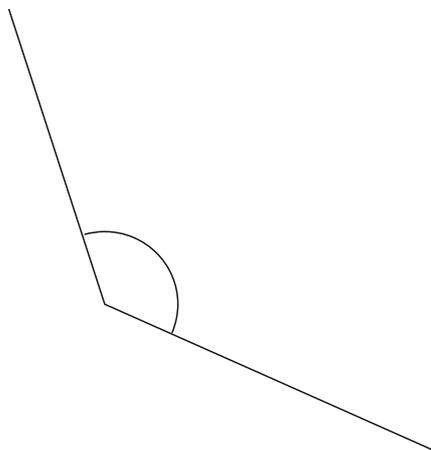


Disegna l'angolo somma (coloralo in azzurro) e l'angolo differenza (coloralo in verde) di ciascuna coppia di angoli

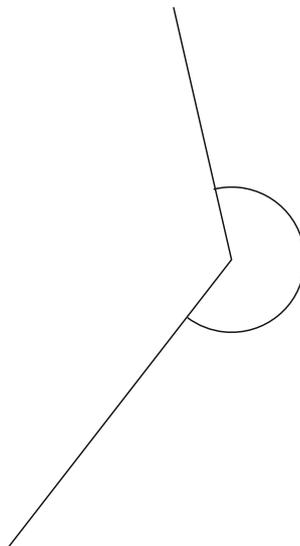
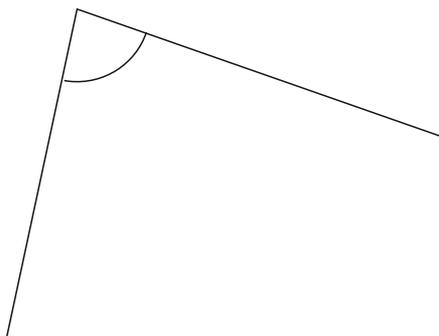
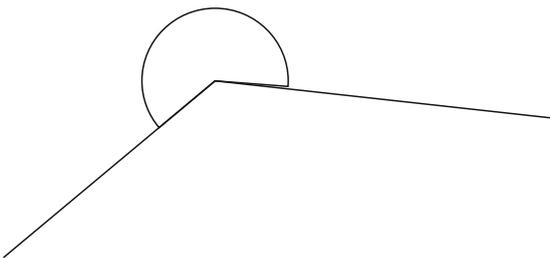
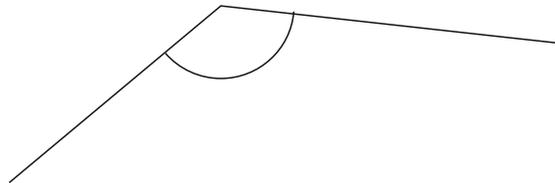
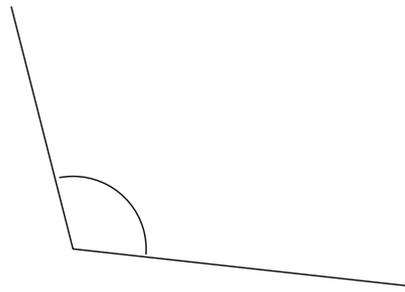
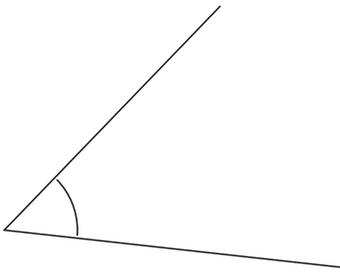
a)



b)

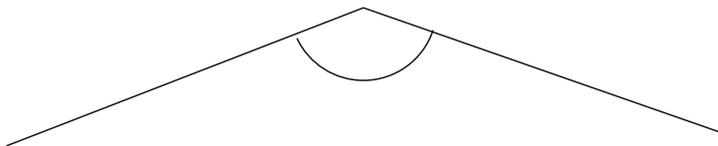
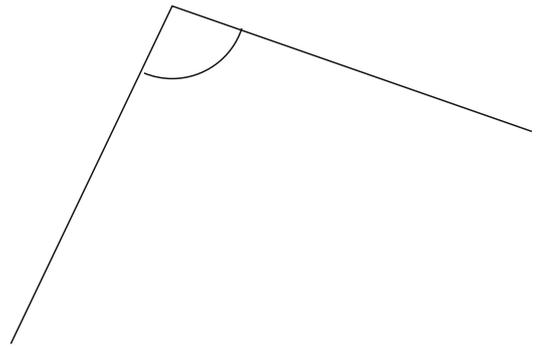
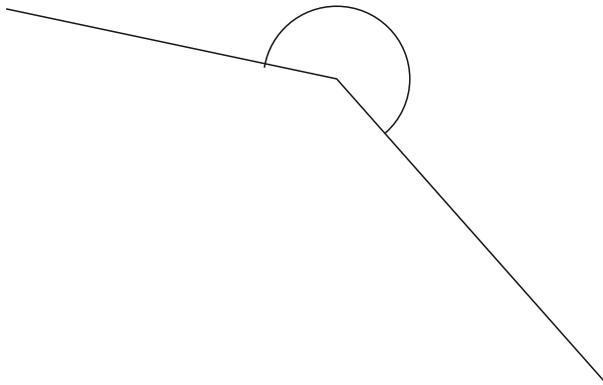
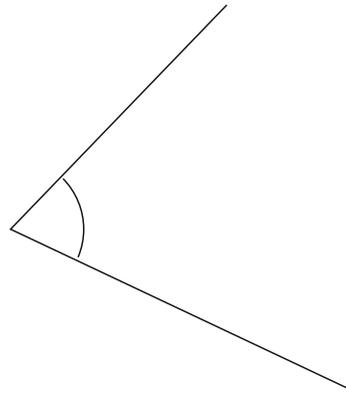
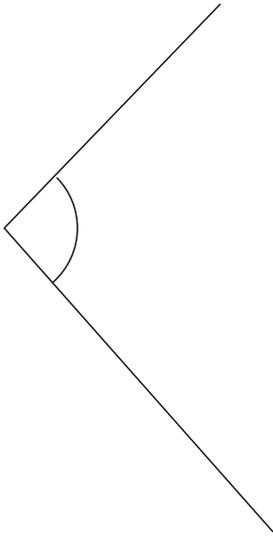


Misura con il goniometro l'ampiezza di ciascun angolo



Disegna gli angoli che hanno le seguenti ampiezze:  $45^\circ$ ;  $37^\circ$ ;  $100^\circ$ ;  $56^\circ$ ;  $178^\circ$ ;  $210^\circ$ ;  $320^\circ$ ;  $230^\circ$

Disegna la bisettrice di ciascuno degli angoli indicati



Esegui le seguenti operazioni con i gradi sessagesimali

$$27^{\circ} 12' 34'' + 45^{\circ} 4' 34'' =$$

$$23^{\circ} 56' 48'' + 123^{\circ} 34' 58'' =$$

$$18^{\circ} 54' 03'' + 345^{\circ} 56' 51'' + 12^{\circ} 47' 39'' =$$

$$67^{\circ} 11' 45'' + 1^{\circ} 59' 57'' + 132^{\circ} 51' 41'' =$$

$$345^{\circ} 56' 32'' - 12^{\circ} 34' 28'' =$$

$$234^{\circ} 01' 23'' - 20^{\circ} 34' 32'' =$$

$$7^{\circ} 00' 00'' - 4^{\circ} 56' 34'' =$$

$$45^{\circ} 12' 56'' \times 5 =$$

$$67^{\circ} 03' 27'' \times 4 =$$

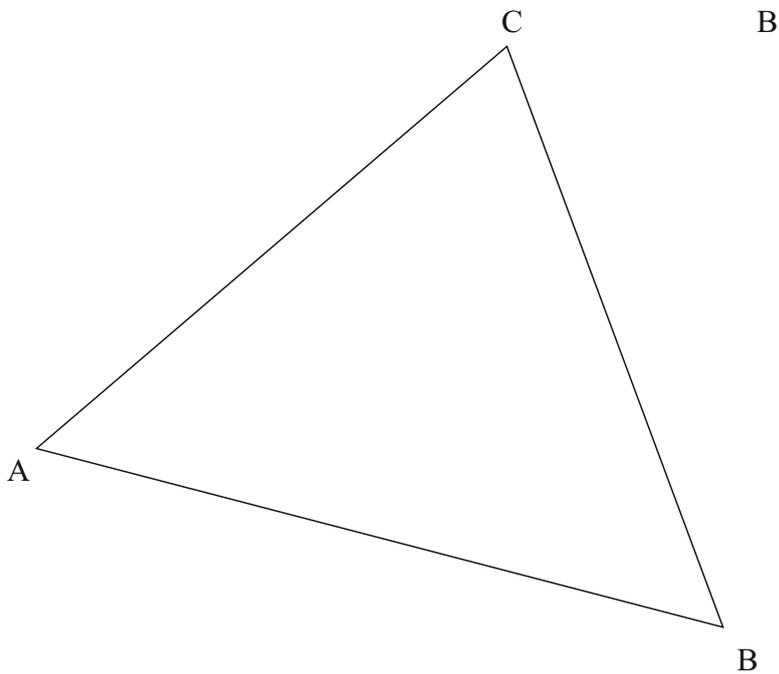
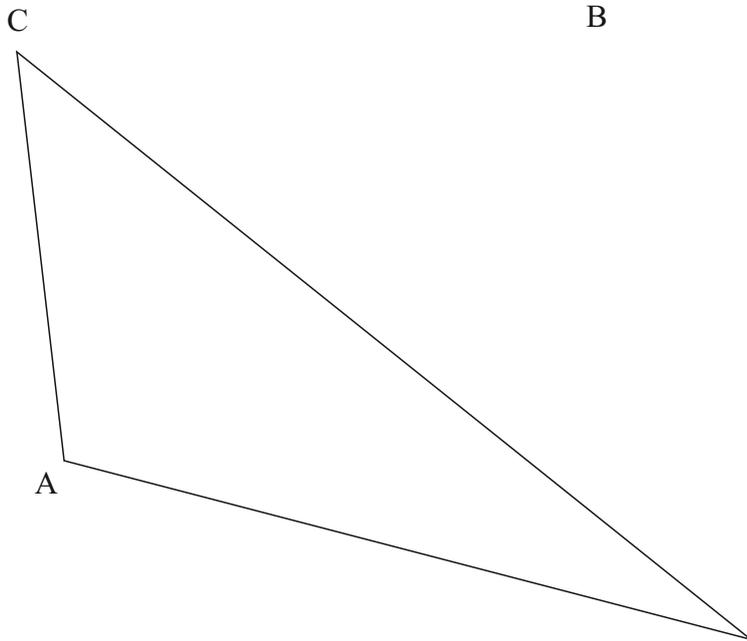
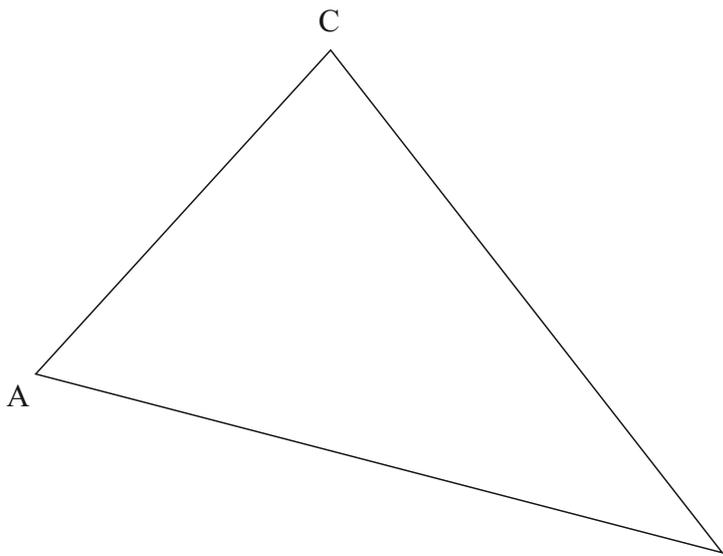
$$45^{\circ} 43' 29'' \times 12 =$$

$$45^{\circ} 39' 54'' : 3 =$$

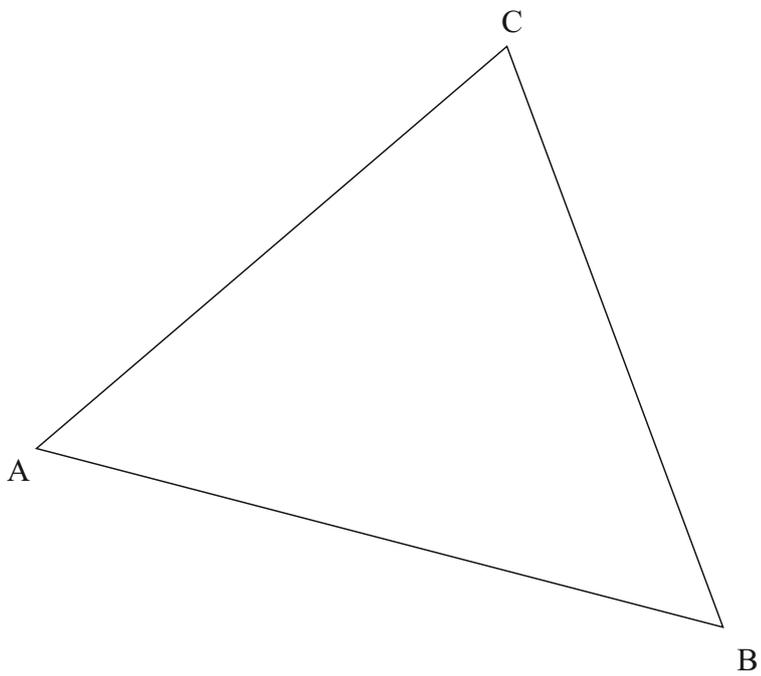
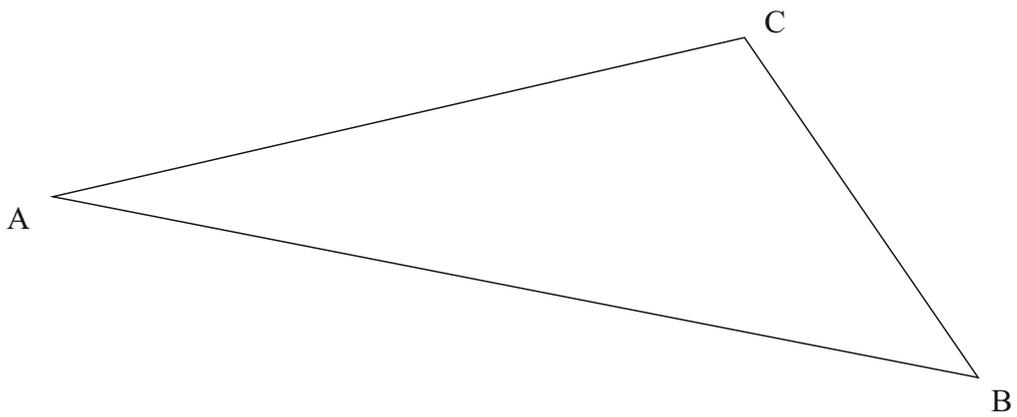
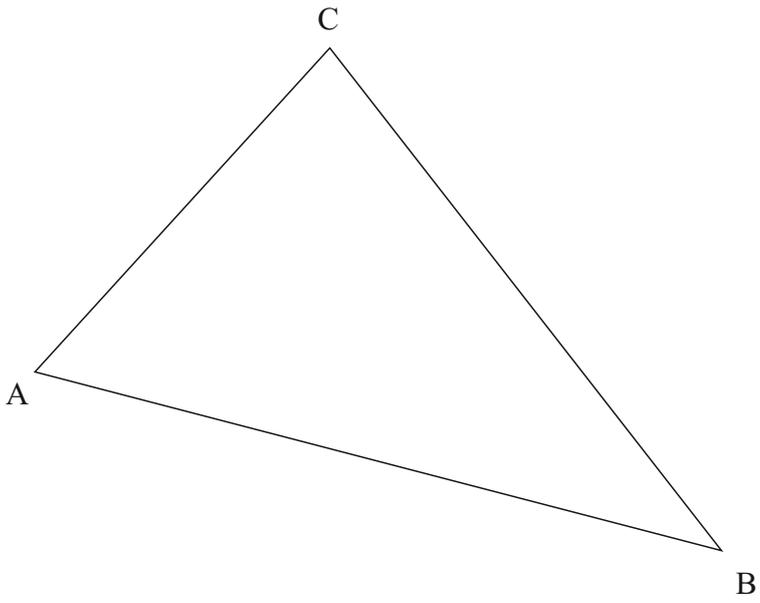
$$123^{\circ} 48' 35'' : 5 =$$

$$67^{\circ} 12' 28'' : 8 =$$

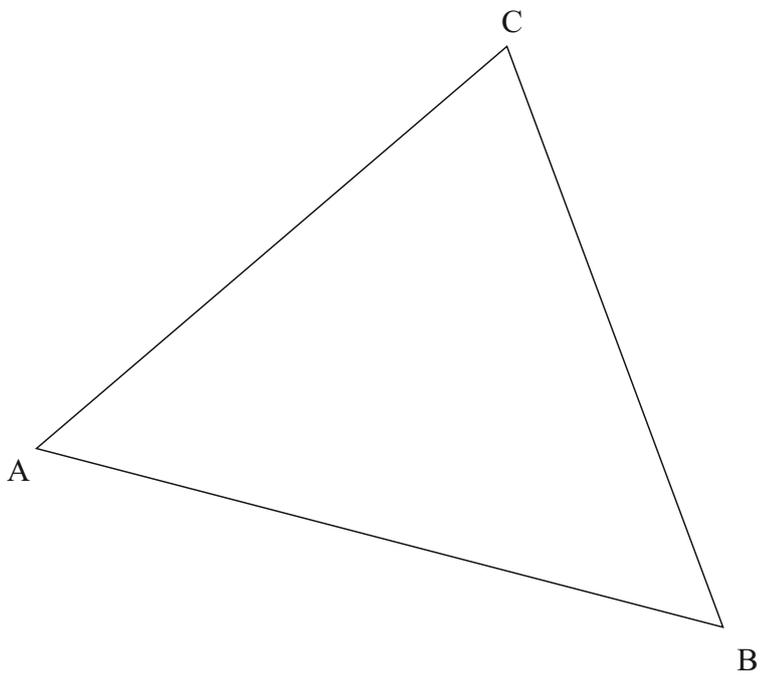
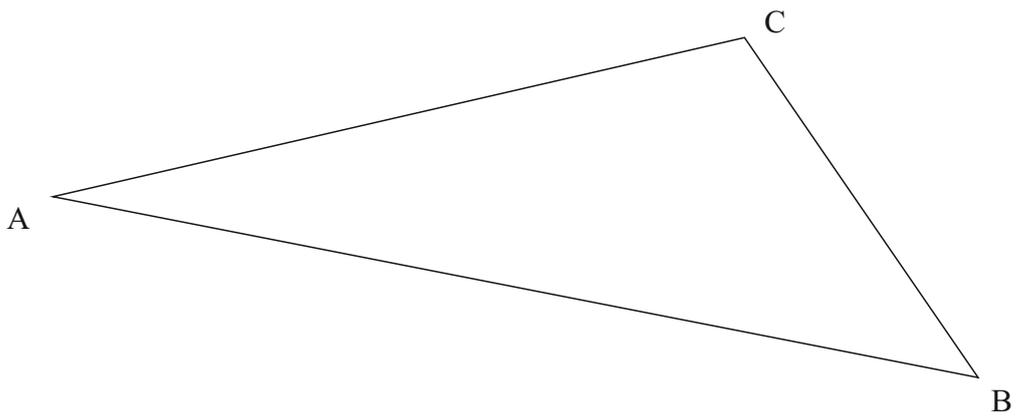
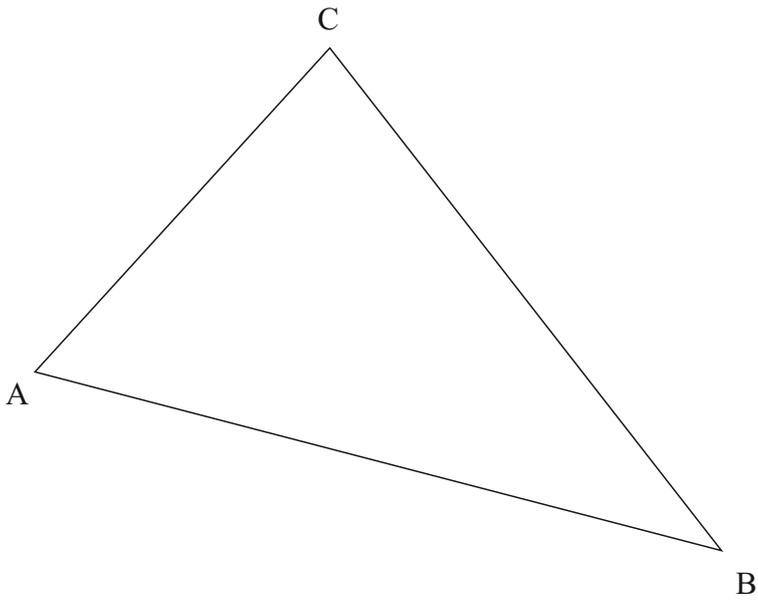
Traccia le mediane di ciascuno di questi triangoli



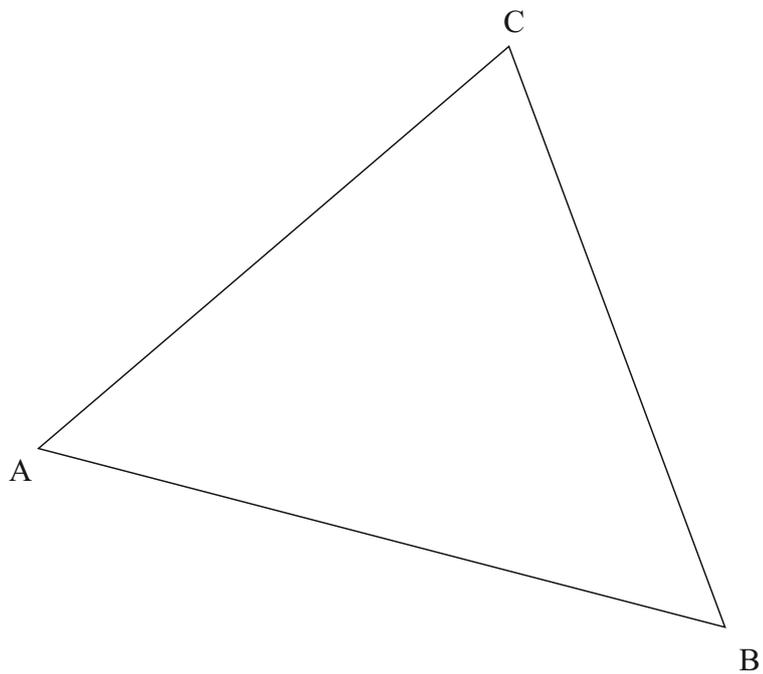
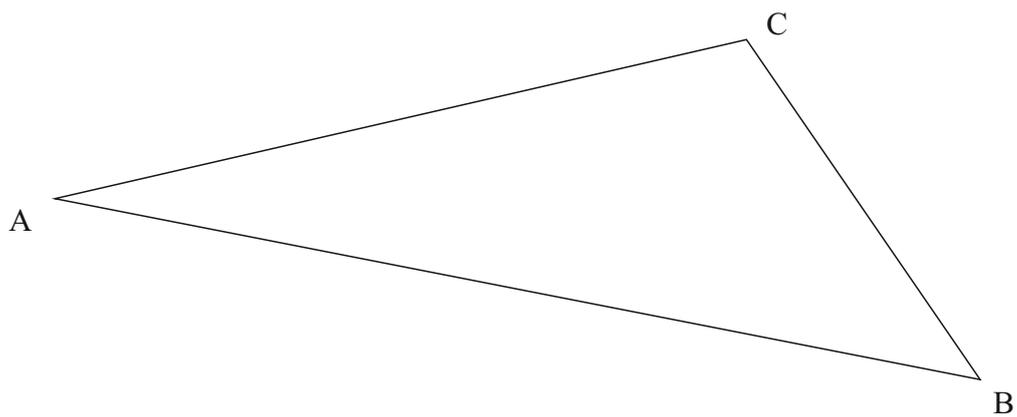
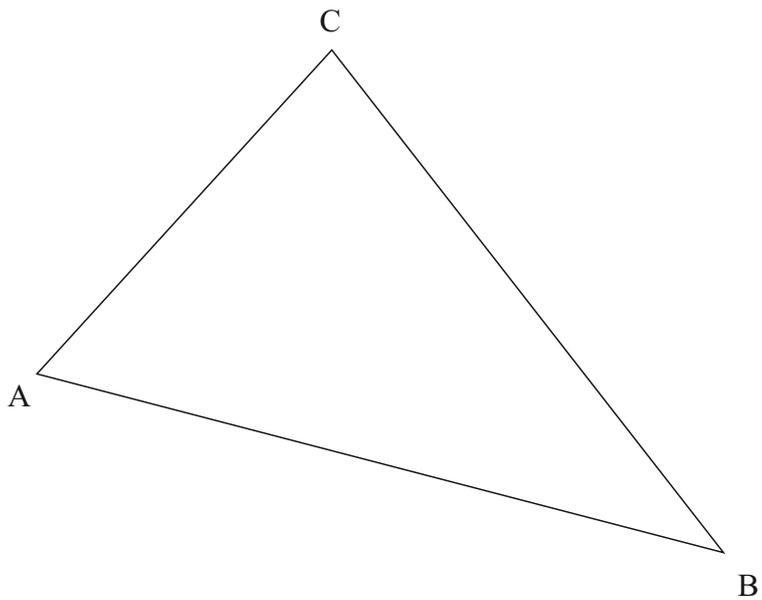
Traccia le altezze di ciascuno di questi triangoli



Traccia le bisettrici di ciascuno di questi triangoli e disegna la circonferenza tangente ai lati



Traccia gli assi di ciascuno di questi triangoli e disegna la circonferenza che passa per i tre vertici



Traccia le mediane, le altezze e gli assi di ciascuno di questi triangoli e disegna la retta di Eulero (verifica che essa passa per il baricentro, l'ortocentro e il circoncentro)

