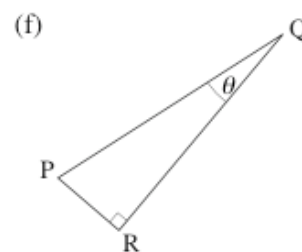
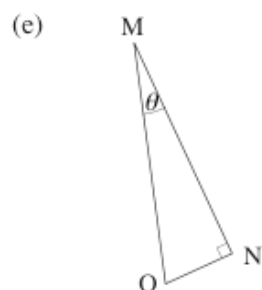
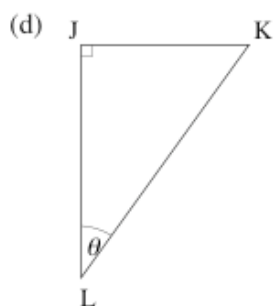
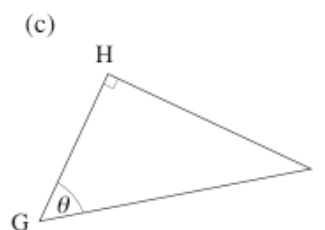
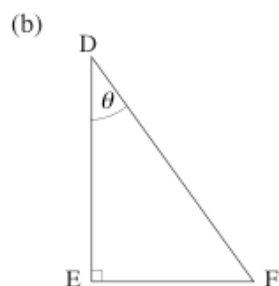
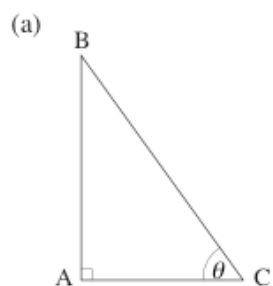
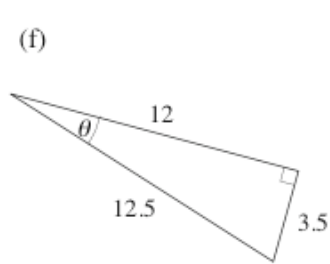
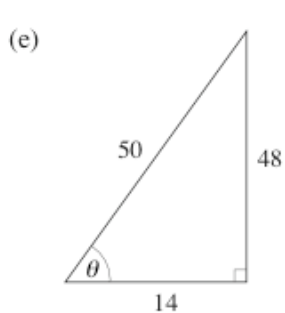
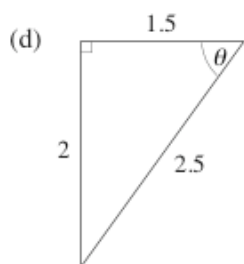
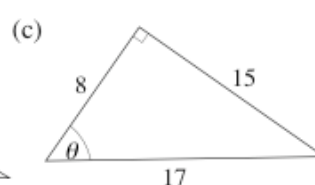
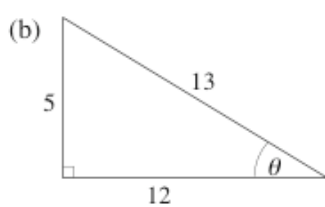
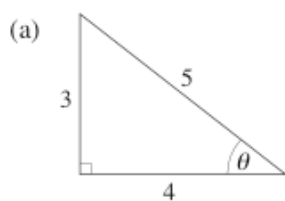


ESERCIZI

1. Per ciascuno dei seguenti triangoli stabilire qual è l'ipotenusa, qual è il cateto opposto e qual è il cateto adiacente:



2. Per ciascuno dei seguenti triangoli scrivere i rapporti trigonometrici di $\sin \theta$, $\cos \theta$ e $\tan \theta$:



3. Usare la calcolatrice scientifica per calcolare il valore delle seguenti funzioni approssimate alla terza cifra decimale:

- | | | |
|---------------------|-----------------------|-----------------------|
| (a) $\sin 30^\circ$ | (b) $\tan 75^\circ$ | (c) $\tan 52.6^\circ$ |
| (d) $\cos 66^\circ$ | (e) $\tan 33^\circ$ | (f) $\tan 45^\circ$ |
| (g) $\tan 37^\circ$ | (h) $\sin 88.2^\circ$ | (i) $\cos 45^\circ$ |
| (j) $\cos 48^\circ$ | (k) $\cos 46.7^\circ$ | (l) $\sin 45^\circ$ |

4. Usare la calcolatrice scientifica per calcolare θ in ciascuno dei seguenti casi con approssimazione alla prima cifra decimale:

- | | | |
|---------------------------|--------------------------|--------------------------|
| (a) $\cos \theta = 0.5$ | (b) $\sin \theta = 1$ | (c) $\tan \theta = 0.45$ |
| (d) $\sin \theta = 0.821$ | (e) $\sin \theta = 0.75$ | (f) $\cos \theta = 0.92$ |
| (g) $\tan \theta = 1$ | (h) $\sin \theta = 0.5$ | (i) $\tan \theta = 2$ |
| (j) $\cos \theta = 0.14$ | (k) $\sin \theta = 0.26$ | (l) $\tan \theta = 5.25$ |

5. Scrivere i rapporti trigonometrici relativi al triangolo raffigurato a fianco:

- | | |
|-------------------|-------------------|
| (a) $\cos \theta$ | (b) $\sin \alpha$ |
| (c) $\tan \theta$ | (d) $\cos \alpha$ |
| (e) $\sin \theta$ | (f) $\tan \alpha$ |

