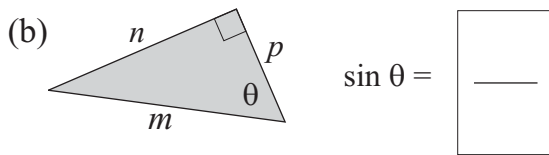
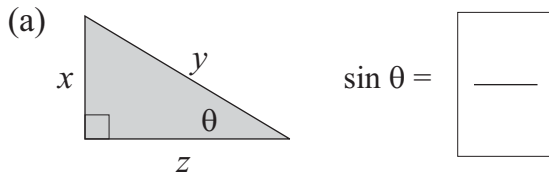
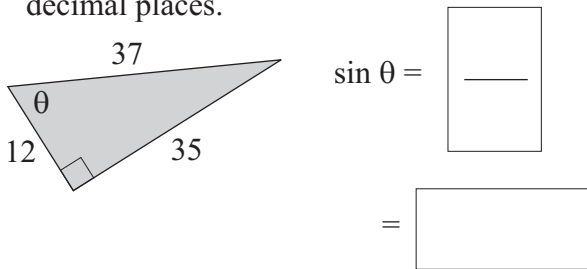


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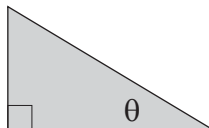
1. Find $\sin \theta$ in the following triangles and write in fraction form



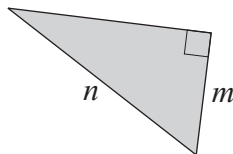
2. Find $\sin \theta$ in the following triangle, write as a fraction and then calculate correct to four decimal places.



3. If $\sin \theta = \frac{c}{d}$ mark sides c and d on this triangle.



4. If $\sin \theta = \frac{m}{n}$ mark the angle θ on this triangle.



5. Use a calculator to find the following values correct to four decimal places.

(a) $\sin 74^\circ$

(b) $\sin 25^\circ$

(c) $\sin 38^\circ$

(d) $\sin 51.8^\circ$

6. Rearrange the following equation to make x and y the subject.

$\sin \theta = \frac{x}{y}$

$x =$
$y =$

7. Find the unknown lengths in the following triangles. Give answers correct to one decimal place.

