

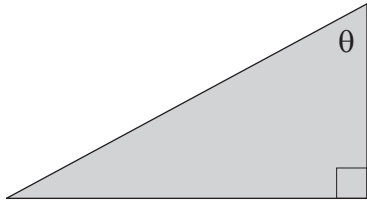
Master Maths 9 Worksheet 77

Trigonometry - Mixed Problems

77

Name: _____

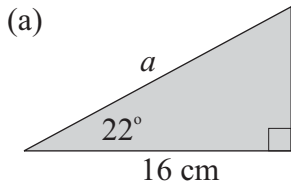
1. On this triangle, for the angle θ shown, indicate which sides are **O** (opposite), **A** (adjacent) and **H** (hypotenuse).



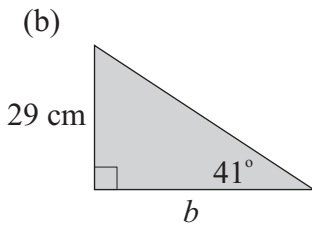
2. Use the abbreviations **O**, **A** and **H** to complete the following relationships.

$\sin \theta = \frac{\text{---}}{\text{---}}$	$\cos \theta = \frac{\text{---}}{\text{---}}$	$\tan \theta = \frac{\text{---}}{\text{---}}$
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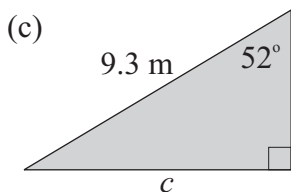
3. Find the unknown lengths in the following triangles. Give answers correct to one decimal place.



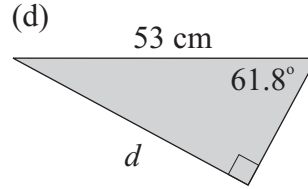
$a =$



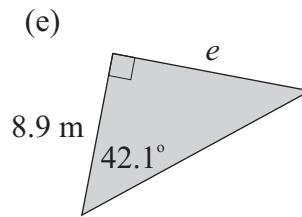
$b =$



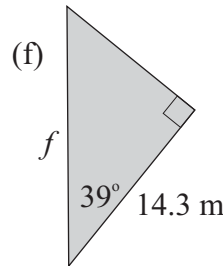
$c =$



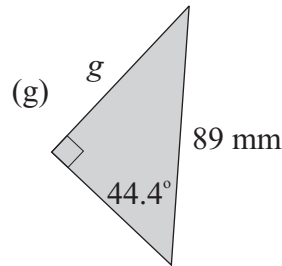
$d =$



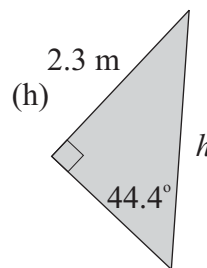
$e =$



$f =$



$g =$



$h =$