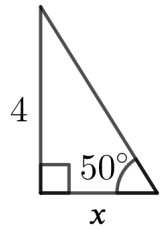
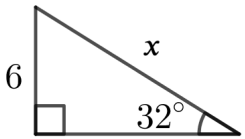
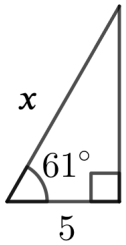
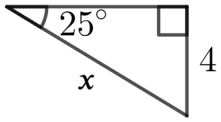
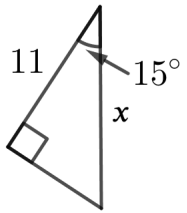
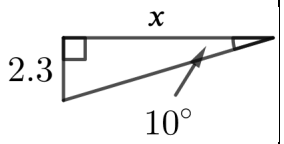
Using trigonometry to find a missing side (solving for the denominator)

Question Find x:						
Trig ratio	$\tan 50° = \frac{4}{x}$	$\sin 32° = \frac{6}{x}$	$\cos 61° = \frac{5}{x}$	$\sin 25° = \frac{4}{x}$	$\cos 15° = \frac{11}{x}$	$\tan 10° = \frac{2.3}{x}$
Re-arrange	$x = 4 \div \tan 50°$	$x = 6 \div \sin 32°$	$x = 5 \div \cos 61°$	$x = 4 \div \sin 25°$	$x = 11 \div \cos 15°$	$x = 2.3 \div \tan 10°$
Calculator	$x = 3.356398525$	$x = 11.32247949$	$x = 10.3133267$	$x = 9.464806333$	$x = 11.38803798$	$x = 13.04394819$
Round (1dp)	$x = 3.4$	$x = 11.3$	$x = 10.3$	$x = 9.5$	$x = 11.4$	$x = 13.0$

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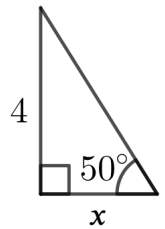
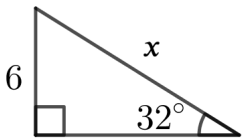
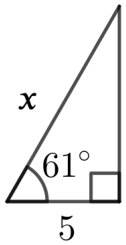
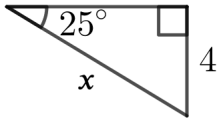
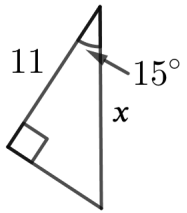
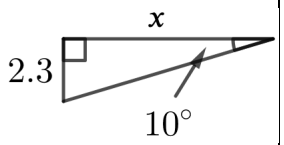
Question						
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