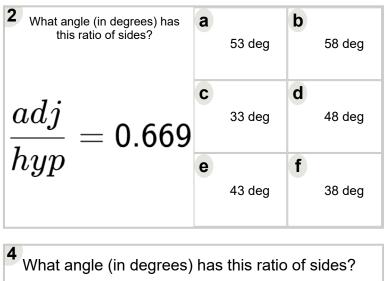


Name:



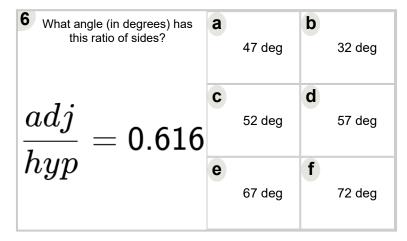
Math worksheet on 'Trigonometry - Calculating Angles from Ratio Decimals and Trig Identities (Level 1)'. Part of a broader unit on 'Trigonometry -Solving Triangles - Intro'

Learn online: app.mobius.academy/math/units/trigonometry_solving_triangles_intro/



	$\frac{op}{ac}$	<u> </u>	8.14	14	
а	73 deg	l	0	93 deg	
<u>_</u>	00 daa		4	100 de 2	

С	88 deg	d	103 deg
6	83 deg	f	78 deg



1 What angle (in degrees) has this ratio of sides?	а	32 deg	b	22 deg
$\frac{adj}{b} = 0.743$	С	42 deg	d	27 deg
hyp	e	57 deg	f	52 deg

3 What angle (in degrees) has this ratio of sides?				
$rac{opp}{hyp}=$ 0.485				
a	34 deg	b	19 deg	
C	44 deg	d	29 deg	
e	39 deg	f	9 deg	

5 What angle (in degrees) has this ratio of sides? $\frac{opp}{hyp} = 0.866$ a75 degb45 degc65 degd60 dege80 degf55 deg

