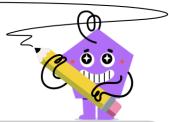


mobius

Trigonometry - Solve Angles from Diagrams



1	Solve for the angle in degrees with trigonometry 9.2	$\stackrel{ extsf{A}}{A} = extsf{50}^{\circ} \stackrel{ extsf{B}}{A} = extsf{40}^{\circ}$	Solve for the angle in degrees with trigonometry	$\stackrel{ extsf{A}}{A}=$ 55 $\stackrel{ extsf{B}}{A}=$ 60 $^{\circ}$
		$\stackrel{ extsf{c}}{A}=35^{\circ}\stackrel{ extsf{d}}{A}=30^{\circ}$	7.1	$\stackrel{ extsf{c}}{A} = extsf{45}^{\circ} \stackrel{ extsf{d}}{A} = extsf{30}^{\circ}$
		$\stackrel{\scriptscriptstyleE}{A} = 25^{\circ} \stackrel{\scriptscriptstyleF}{A} = 55^{\circ}$	A	$\stackrel{\scriptscriptstyleE}{A} = 50^{\circ} \stackrel{\scriptscriptstyleF}{A} = 25^{\circ}$
3	Solve for the angle in degrees with trigonometry	$\stackrel{ extsf{A}}{A}=40^{\circ} \stackrel{ extsf{B}}{A}=30^{\circ}$	Solve for the angle in degrees with trigonometry	$\stackrel{ extsf{A}}{A}=50^{\circ} \stackrel{ extsf{B}}{A}=65^{\circ}$
	12 A	$\stackrel{ extsf{c}}{A} = extsf{45}^{\circ} \stackrel{ extsf{D}}{A} = extsf{35}^{\circ}$	4.3	$\stackrel{ extsf{c}}{A} = extsf{55}^{\circ} \stackrel{ extsf{d}}{A} = extsf{60}^{\circ}$
		$\stackrel{ extsf{E}}{A} = 60^{\circ} \stackrel{ extsf{F}}{A} = 20^{\circ}$		$\stackrel{\scriptscriptstyleE}{A} = 45^\circ \stackrel{\scriptscriptstyleF}{A} = 75^\circ$
5	Solve for the angle in degrees with trigonometry	$\stackrel{ extsf{A}}{A}=45^{\circ} \stackrel{ extsf{B}}{A}=30^{\circ}$	Solve for the angle in degrees with trigonometry	$\stackrel{ extsf{A}}{A} = extsf{55}^{\circ} \stackrel{ extsf{B}}{A} = extsf{50}^{\circ}$
	7.3 A	$\stackrel{ extsf{c}}{A} = extsf{40}^{\circ} \stackrel{ extsf{D}}{A} = extsf{15}^{\circ}$	5.2	$\stackrel{ extsf{c}}{A} = 60^{\circ} \stackrel{ extsf{d}}{A} = 45^{\circ}$
		$\stackrel{ extsf{E}}{A} = 35^{\circ} \stackrel{ extsf{F}}{A} = 50^{\circ}$	3	$\stackrel{\scriptscriptstyleE}{A} = 40^\circ \stackrel{\scriptscriptstyleF}{A} = 70^\circ$
7	Solve for the angle in degrees with trigonometry	$\stackrel{ extsf{A}}{A} = extsf{55}^{\circ} \stackrel{ extsf{B}}{A} = extsf{65}^{\circ}$	Solve for the angle in degrees with trigonometry	$\stackrel{ extsf{A}}{A}=70^{\circ} \stackrel{ extsf{B}}{A}=45^{\circ}$
	17.1	$\stackrel{ extsf{c}}{A} = extsf{35}^{\circ} \stackrel{ extsf{d}}{A} = extsf{30}^{\circ}$	12 A	$\stackrel{ extsf{c}}{A}=40^{\circ}\stackrel{ extsf{d}}{A}=65^{\circ}$
		$\stackrel{\scriptscriptstyleE}{A} = 60^{\circ} \stackrel{\scriptscriptstyleF}{A} = 50^{\circ}$	24	$\stackrel{\scriptscriptstyleE}{A} = 60^{\circ} \stackrel{\scriptscriptstyleF}{A} = 80^{\circ}$