

20/ 12	144 = 1129 - 1080·COS -1129 -1129	SA	
C	-1129 -1129		
21 27	$-986 = -1080 \cos 0$		
A	$-985 = -1080 \cos A$		
	-1080 - 1080		
$\frac{\sin C}{20} = \frac{\sin 24.21}{12}$	.91= cosA		
20 (2	$\cos^{-1}(.91) = A$		
sinc= 20sin24	<u>21</u> 24.2 ° = A		
12			
sinc = .68	B= 180- (	43.12+24.21)	
C = Sin <sup>-1</sup> (.6	P) - 12 10°		
	B=12.67		
3 Solve DABC wit	th a=8, c= 10, B=48°.		
$3$ solve $\triangle ABC$ with $B$	th a=8, c= 10, B=48°. b	¥ A_	
B	1		
	$b^2 = q^2 + C^2 - 2qc \cdot \cos B$	<u>Sint = Sinb</u>	
B 48 8	_b	$\frac{\sin A}{a} = \frac{\sin B}{b}$	
B 10 48 8 C	$b^{2} = q^{2} + C^{2} - 2qc \cdot cos B$ $b^{2} = (8)^{2} + (10)^{2} - 2(8)(10)cos 48$	$\frac{\sin A}{a} = \frac{\sin B}{b}$ $\frac{\sin A}{8} = \frac{\sin 48}{7.55}$	
B 48 8	$b^{2} = q^{2} + C^{2} - 2ac \cdot cos B$ $b^{2} = (8)^{2} + (10)^{2} - 2(8)(10)cos 48$ $b^{2} = 56.94$ b = 7.55	$\frac{\sin A}{a} = \frac{\sin B}{b}$ $\frac{\sin A}{8} = \frac{\sin 48}{7.55}$ $\frac{7.55 \sin A}{8} = 8 \sin 48$	
B 10 48 8 C	$b^{2} = q^{2} + C^{2} - 2ac \cdot cos B$ $b^{2} = (8)^{2} + (10)^{2} - 2(8)(10)cos 48$ $b^{2} = 56.94$ $b = 7.55$ $X C$	$\frac{\sin A}{a} = \frac{\sin B}{b}$ $\frac{\sin A}{8} = \frac{\sin 48}{7.55}$ $\frac{7.55 \sin A}{7.55} = \frac{8 \sin 48}{7.55}$	
B 10 48 8 C	$\frac{b}{b^2 = q^2 + C^2 - 2ac \cdot cos B}$ $b^2 = (8)^2 + (10)^2 - 2(8)(10)cos 48$ $b^2 = 56.94$ b = 7.55 $\frac{4C}{180 - (48 + 51.95)}$	$\frac{\sin A}{a} = \frac{\sin B}{b}$ $\frac{\sin A}{8} = \frac{\sin 48}{7.55}$ $\frac{7.55 \sin A}{7.55} = \frac{8 \sin 48}{7.55}$ $\frac{7.55}{7.55} = \frac{7.55}{7.55}$ $\sin A = .79$	
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B 10 48 8 C A 1.55 C	$\frac{b}{b^{2}} = q^{2} + C^{2} - 2ac \cdot cos B$ $b^{2} = (8)^{2} + (10)^{2} - 2(8)(10)cos 48$ $b^{2} = 56.94$ $b = 7.55$ $\frac{4C}{180 - (48 + 51.95)}$ $80.05^{2}$	$\frac{\sin A}{a} = \frac{\sin B}{b}$ $\frac{\sin A}{8} = \frac{\sin 48}{7.55}$ $\frac{7.55 \sin A}{7.55} = \frac{8 \sin 48}{7.55}$ $\frac{7.55}{7.55} = \frac{7.55}{7.55}$ $\sin A = .79$	
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$81 = 452 - 448 \cos C$
460-450 SINA SIN34.09
$-371 = -448 \cos C$ 4
-448 $-448$ $SinA = 14sin34.09$
•83= cos C
$(p_{1}, p_{2}) = C$
507
$34.09^{\circ} = C$ A = sin^{-1}(.87)
$A = 60.69^{\circ}$
B= 180- (34.09+60.69)
B=85.22°