Nar	me
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Law of C	cosines - Matching Worksheet		
Write the	letter of the answer that matches the problem.		
	L. In $\triangle ABC$, side a = 13, side c = 17 and m <b 12°.<br="" =="">Find side `b' to the nearest integer.	a.	27.14
S	2. In a rhombus whose side measures 20 and the smaller angle is 165°; find the length of the larger diagonal, to the nearest tenth.	b.	17
	3. In Δ PQR, side q = 2, side r = 9 and m <q 24°.<br="" =="">Find side `q' to the nearest integer.</q>	c.	16
S	4. In a rhombus whose side measures 28 and the smaller angle is 58°; find the length of the larger diagonal, to the nearest tenth.	d.	22
	5. In Δ XYZ, side x = 14, side y = 16 and m <z 66°.<br="" =="">Find side 'z' to the nearest integer.</z>	e.	5
S	5. In a rhombus whose side measures 18 and the smaller angle is 172°; find the length of the larger diagonal, to the nearest tenth.	f.	39.65
	7. In Δ LMN, side m = 19, side n = 26 and m <l 42°.<br="" =="">Find side `l' to the nearest integer.</l>	g.	35.9
S	3. In a rhombus whose side measures 30 and the smaller angle is 53°; find the length of the larger diagonal, to the nearest tenth.	h.	26.7
	9. In ΔTUV, side t = 21, side v = 12 and m <u 79°.<br="" =="">Find side `u' to the nearest integer.</u>	i.	7.2

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