Geometry	CP	
Chapter 8	WS-Mixed	Triangles

Name	Per
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Directions: Show all work. All angles are in degrees. Remember to write the basic equation and calculator-ready form for each problem.

## For each problem:

- Draw and label a picture of  $\triangle ABC$ .
- Write and solve an equation for x.
- Round answers to 3 decimal places.

Problem	m <a< th=""><th>m<b< th=""><th>m<c< th=""><th>a</th><th>b</th><th>c</th></c<></th></b<></th></a<>	m <b< th=""><th>m<c< th=""><th>a</th><th>b</th><th>c</th></c<></th></b<>	m <c< th=""><th>a</th><th>b</th><th>c</th></c<>	a	b	c
1	153		15		11	X
2	X			7	8	2
3		40	50	X	42	
4	X	35		12	17	
5		X		12	7	14
6		30	70	X	10	
7	23		67	38		X
8		X		10	12	14
9	47			X	34	51
10	60			X	24	12