Name		Geometry	7-4 Worksheet
Find the geometric m	ean of each pair of numbers. Le	ave all answers in simple	st radical form.
1. 5 and 20	2. 4 and 8	3. 3 and 15	4. 12 and 2
Use the figure at the	right to complete each stateme	nt or proportion.	
5. <i>c</i> is equal to	1		С
6. The altitude of the	triangle is		b
7. The legs of the tria	ngle are and		
8. The hypotenuse of the triangle is or		·	
9. z is the geometric	mean of and		c
10. <i>b</i> is the geometrie	c mean of and o	r and	
11. a is the geometric	c mean of and or	and	
12. $\frac{x}{z} = \frac{z}{-1}$	13. $\frac{x}{b} = \frac{b}{14}$ 14. $\frac{1}{a}$	$-=\frac{a}{a}$	
Z	b a		

Find the value of each variable. Leave answers in simplest radical form. Show your work!!!





