Name	Dai	e Class
<b>Practice B</b>		
<b>ESSON Practice B</b> <b>8-1</b> <i>Similarity in Right</i>	Triangles	
Write a similarity statement com	-	les in each diagram.
1. $\int_{L}^{M} K$	$E = \frac{D}{G} = F$	3. $x$
Find the geometric mean of each	pair of numbers. If ne	ecessary, give the
answer in simplest radical form.	0	<b>0 4</b> and <b>4</b> 0
<b>4.</b> $\frac{1}{4}$ and 4 5	. 3 and 75	<b>6.</b> 4 and 18
<b>7.</b> $\frac{1}{2}$ and 9 <b>8</b>	. 10 and 14	<b>9.</b> 4 and 12.25
Find x, y, and z.		
10. $y$ $x$ $z$ $y$ $x$ $z$ $y$ $x$ $z$ $y$ $y$ $y$ $x$ $z$	x 10 z y 20	12. $\frac{y}{\sqrt{6}}$
13. 15 6 14	$\frac{25}{65}\int_{-\frac{y}{z}}^{\frac{25}{z}}$	15. $x$
<b>16.</b> The Coast Guard has sent a repassengers off a disabled ship position as 1.7 miles from shor passes over a buoy that is kno shore, the angle formed by the sand the disabled ship is 90°. D the altimeter would read to the when the helicopter is directly a	The ship has called in e. When the helicopter wn to be 1.3 miles from shore, the helicopter, etermine what nearest foot	its
Use the diagram to complete eac	h equation	b c
17. $\frac{e}{b} = \frac{\Box}{e}$ 18. $\frac{d}{b+c} =$		$= \frac{a}{e}$ $a$ $e$ $d$

Copyright © by Holt, Rinehart and Winston. All rights reserved.

