Name		_ Date	Class
6-2 Trigonometric Ratios			
Use the figure for Exercises 1–6. Write each trigonometric ratio as a simplified fraction and as a decimal rounded to the nearest hundredth.		nometric nded to A-	25 24 B 7 C
1. sin <i>A</i>	2. cos <i>B</i>	3.	tan B
4. sin <i>B</i>	5. cos <i>A</i>	6.	tan A
Use special right triangles to write each trigonometric ratio as a simplified fraction. 7. sin 30° 8. cos 30° 9. tan 45°			
		_	
10. tan 30°	11. cos 45°	12.	tan 60°
Use a calculator to find each trigonometric ratio. Round to the nearest hundredth.			
13. sin 64°	14. cos 58°	15.	tan 15°
Find each length. Round to the nearest hundredth.			
16. X 41°	17. H G	18.	К 0.8 mi М27°L
XZ	HI	_	КМ
19. S 5.1 km R	20. E	^{72°} 31 yd F	C 2 ft D
ST	EF		DE

