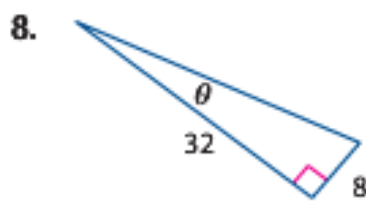
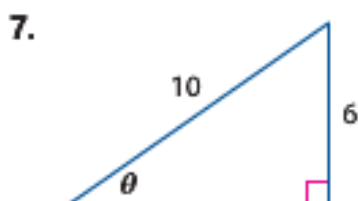
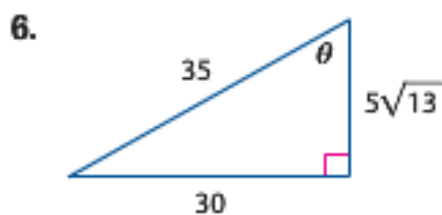
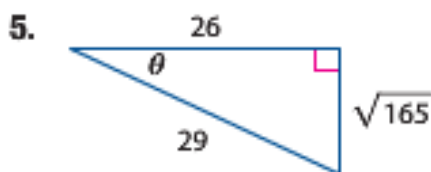
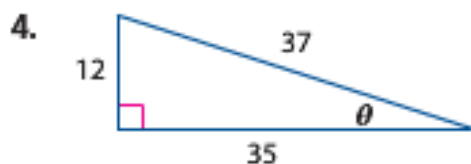
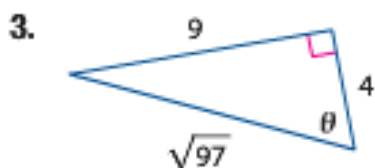
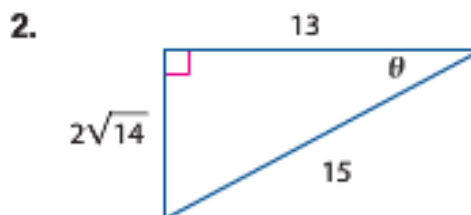
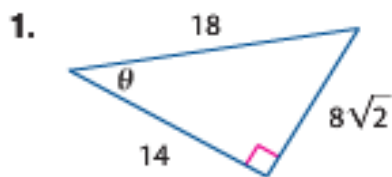


Find the exact values of the six trigonometric functions of θ .

(Example 1) **1–8. See margin.**



Use the given trigonometric function value of the acute angle θ to find the exact values of the five remaining trigonometric function values of θ .

9. $\sin \theta = \frac{4}{5}$

10. $\cos \theta = \frac{6}{7}$

11. $\tan \theta = 3$

12. $\sec \theta = 8$

13. $\cos \theta = \frac{5}{9}$

14. $\tan \theta = \frac{1}{4}$

15. $\cot \theta = 5$

16. $\csc \theta = 6$

17. $\sec \theta = \frac{9}{2}$

18. $\sin \theta = \frac{8}{13}$