Right-triangle ratios

Name _____ Date _____

1. opposite 7, adjacent 24, hypotenuse 25: tan A = ____

2. opposite 9, adjacent 40, hypotenuse 41: sin A = ____

3. opposite 40, adjacent 9, hypotenuse 41: tan A = ____

4. opposite 5, adjacent 12, hypotenuse 13: cos A = ____

5. opposite 24, adjacent 7, hypotenuse 25: sin A = ____

6. opposite 15, adjacent 8, hypotenuse 17: cos A = ____

7. opposite 24, adjacent 7, hypotenuse 25: tan A = ____

8. opposite 5, adjacent 12, hypotenuse 13: cos A = ____

Right-triangle ratios

9. opposite 21, adjacent 20, hypotenuse 29: sin A = ____

10. opposite 40, adjacent 9, hypotenuse 41: sin A = ____

11. opposite 20, adjacent 21, hypotenuse 29: cos A = ____

12. opposite 21, adjacent 20, hypotenuse 29: cos A = ____

13. opposite 35, adjacent 12, hypotenuse 37: sin A = ____

14. opposite 35, adjacent 12, hypotenuse 37: tan A = ____

15. opposite 12, adjacent 35, hypotenuse 37: tan A = ____

16. opposite 12, adjacent 5, hypotenuse 13: tan A = ____

17. opposite 40, adjacent 9, hypotenuse 41: cos A = ____