

Trig. Quiz 14, Study Guide

1. Convert angles measure from degree to radians or the other way Quiz 1, prob 2
2. An angle in standard position of a know size terminates in what quadrant Quiz 1, prob 3
3. Find where a given trig equation crosses the x-axis Quiz 13, prob 1
4. Solve a trigonometric equations and find either all solutions $0 \leq x < 2\pi$ or find all solutions on the real number line. Quiz 13, prob 7
5. Converting radians to degrees. Quiz 2, prob 15
6. When considering arc length, central angle measure and radius, be able to find any of these when given the other two. Quiz 2, prob 5
7. Rearrange the form of a trig expression using the identities on p 218 and 244 Quiz 12, prob 12
8. Given the equation of a trigonometric equation give the size and direction of either the horizontal or vertical shift. Quiz 12, pr; 1-4
9. Find the complement or supplement of an angle whose measure is given in radians Quiz 3, prob 19
10. Be able to derive the identify $\sin(\alpha + \beta) = \sin \alpha \cos \beta + \cos \alpha \sin \beta$ class notes
11. Give either the domain or range of either $\arcsin(x)$ or $\arccos(x)$ Quiz 11 prob 11
12. Something like $\sin(\arccos(\text{given angle}))$ Quiz 11 prob 14
13. Give the period of a trig function by examining the graph of the function. Quiz 10 prob 14
14. Use trig identities to change the form of a given expression. Quiz 10 prob 20
15. Find the value of a trig function given the value of a different function and a clue about what quadrant the angle terminates in. Quiz 9 prob 11
16. Find a missing side in a right angle triangle labeled in the customary way. Quiz 9 prob 18
17. Find the range of one of the inverse trig functions. Quiz 9 prob 16
18. Use one of the sum or difference formulas to find the exact value of the sin cos, or tan of an angle (formulas on p. 244) A15, prob 40
19. Know what the variables A, B, C, and D affect in the equation $y = A \sin B(x - C) + D$ Quiz 7, prob 5
20. Angles as rotations. Quiz 6 prob 13
- 21-22. Some true false questions about angles in standard position. Quiz 6, 17-20
23. Something about "co" functions Quiz 6 prob 21
24. Some fact about 30 60 90, or 45 45 90 triangle. Quiz 4 prob 6
25. Another problem about arc length, radius, and central angle measure. Quiz 4 prob 5.