Basic Calculus | 3rd Quarter

Activity 3.2: Graphs of Inverse Trigo Functions

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1. –
2. –
3. –
4. –
5. –
6. –
7. –
8. –
9. –
10. –

Sketch the graph of the function. (Include two full periods.)
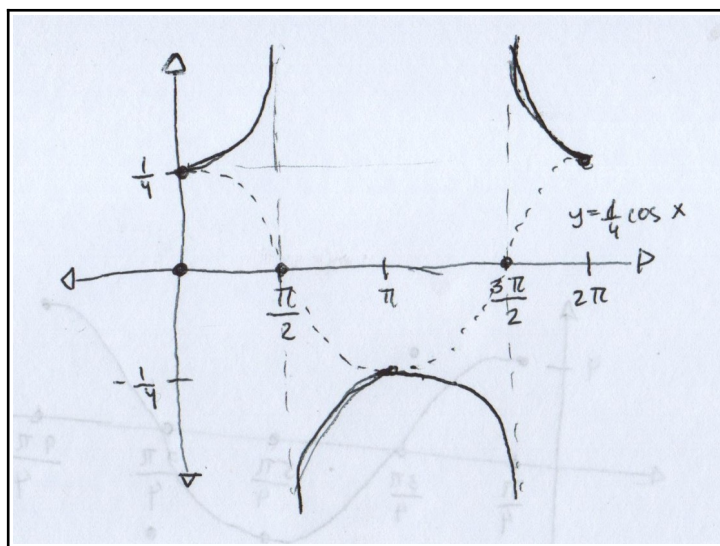
11. –
12. –
13. $y = \dfrac{1}{4} \sec x$

$amplitude = \dfrac{1}{4}$

$period = 2\pi$
$horizontal\ shift = 0$
$vertical\ shift = 0$

14. –
15. –
16. –

17. –
18. –
19. –
20. $y = csc(2x - \pi)$

$amplitude = 1$
$period = 1$
$horizontal\ shift = \pi$
$vertical\ shift = 0$