

Pre-Calc AB Worksheet #45 : Answers

1a. $\frac{\pi}{6}$

1b. $\frac{5\pi}{6}$

1c. $\frac{\pi}{3}$

1d. 0

2a. 0.3

2b. -0.1

2c. 0

3a. $\frac{\sqrt{5}}{5}$

3b. $\frac{12}{13}$

3c. $\frac{\sqrt{34}}{5}$

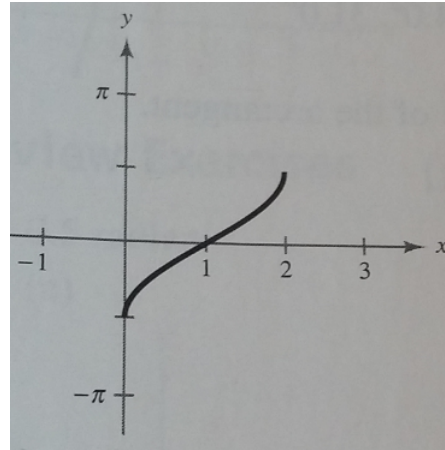
4a. $\frac{\sqrt{9-x^2}}{x}$

4b. $\frac{\sqrt{x^2+2}}{x}$

4c. $\frac{\sqrt{r^2-(x-h)^2}}{r}$

5. The first equation has infinitely many solutions, while the second has only one solution.

6a.



6b.

