

1) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $(f + g)(x) =$	<input type="checkbox"/> A $x^2 - \sqrt{4-x}$	<input type="checkbox"/> B $x^2 + \sqrt{4-x}$	<input type="checkbox"/> C $\sqrt{4-x^2}$	<input type="checkbox"/> D $4-x$
2) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $D_{f+g} =$	<input type="checkbox"/> A $\mathbb{R} = (-\infty, \infty)$	<input type="checkbox"/> B $(-\infty, 4)$	<input type="checkbox"/> C $(-\infty, 4]$	<input type="checkbox"/> D $[4, \infty)$
3) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $(f - g)(x) =$	<input type="checkbox"/> A $x^2 - \sqrt{4-x}$	<input type="checkbox"/> B $x^2 + \sqrt{4-x}$	<input type="checkbox"/> C $\sqrt{4-x^2}$	<input type="checkbox"/> D $x^2 \sqrt{4-x}$
4) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $D_{f-g} =$	<input type="checkbox"/> A $(-\infty, 4]$	<input type="checkbox"/> B $(-\infty, 4)$	<input type="checkbox"/> C $\mathbb{R} = (-\infty, \infty)$	<input type="checkbox"/> D $[4, \infty)$
5) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $(fg)(x) =$	<input type="checkbox"/> A $x^2 - \sqrt{4-x}$	<input type="checkbox"/> B $x^2 + \sqrt{4-x}$	<input type="checkbox"/> C $\sqrt{4-x^2}$	<input type="checkbox"/> D $x^2 \sqrt{4-x}$
6) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $D_{fg} =$	<input type="checkbox"/> A $(-\infty, 4]$	<input type="checkbox"/> B $(-\infty, 4)$	<input type="checkbox"/> C $\mathbb{R} = (-\infty, \infty)$	<input type="checkbox"/> D $[4, \infty)$
7) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $(f \circ g)(x) =$	<input type="checkbox"/> A $x^2 - \sqrt{4-x}$	<input type="checkbox"/> B $x^2 \sqrt{4-x}$	<input type="checkbox"/> C $\sqrt{4-x^2}$	<input type="checkbox"/> D $4-x$
8) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $D_{f \circ g} =$	<input type="checkbox"/> A $(-\infty, 4]$	<input type="checkbox"/> B $(-\infty, 4)$	<input type="checkbox"/> C $(-\infty, -2] \cup [2, \infty)$	<input type="checkbox"/> D $[-2, 2]$
9) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $(g \circ f)(x) =$	<input type="checkbox"/> A $x^2 - \sqrt{4-x}$	<input type="checkbox"/> B $x^2 + \sqrt{4-x}$	<input type="checkbox"/> C $\sqrt{4-x^2}$	<input type="checkbox"/> D $4-x$
10) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $D_{g \circ f} =$	<input type="checkbox"/> A $(-\infty, 4]$	<input type="checkbox"/> B $(-\infty, 4)$	<input type="checkbox"/> C $(-\infty, -2] \cup [2, \infty)$	<input type="checkbox"/> D $[-2, 2]$
11) If $f(x) = x^2$, then $(f \circ f)(x) =$	<input type="checkbox"/> A x^3	<input type="checkbox"/> B x^4	<input type="checkbox"/> C x^2	<input type="checkbox"/> D $\sqrt[4]{x}$
12) If $f(x) = x^2$, then $D_{f \circ f} =$	<input type="checkbox"/> A $(-\infty, 2]$	<input type="checkbox"/> B $(-\infty, -2)$	<input type="checkbox"/> C $\mathbb{R} = (-\infty, \infty)$	<input type="checkbox"/> D $[-2, 2]$

13) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $(\frac{f}{g})(x) =$

- [A] x^2 [B] $\frac{\sqrt{4-x}}{x^2}$ [C] $\sqrt{4-x^2}$ [D] $\frac{x^2}{\sqrt{4-x}}$

14) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $D_{\frac{f}{g}} =$

- [A] $(-\infty, 4]$ [B] $(-\infty, 4)$ [C] $\mathbb{R} = (-\infty, \infty)$ [D] $(-\infty, 0) \cup (0, 4]$

15) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $(\frac{g}{f})(x) =$

- [A] x^2 [B] $\frac{\sqrt{4-x}}{x^2}$ [C] $\sqrt{4-x^2}$ [D] $\frac{x^2}{\sqrt{4-x}}$

16) If $f(x) = x^2$, and $g(x) = \sqrt{4-x}$, then $D_{\frac{g}{f}} =$

- [A] $(-\infty, 4]$ [B] $(-\infty, 4)$ [C] $\mathbb{R} = (-\infty, \infty)$ [D] $(-\infty, 0) \cup (0, 4]$

17) If $f(x) = 9-x^2$, and $g(x) = 10$, then $(f+g)(x) =$

- [A] $1-x^2$ [B] $19-x^2$ [C] $1+x^2$ [D] $90-10x^2$

18) If $f(x) = 9-x^2$, and $g(x) = 10$, then $(f-g)(x) =$

- [A] $1-x^2$ [B] $19-x^2$ [C] $1+x^2$ [D] $-x^2-1$

19) If $f(x) = 9-x^2$, and $g(x) = 10$, then $(g-f)(x) =$

- [A] $1-x^2$ [B] $19-x^2$ [C] $1+x^2$ [D] $-x^2-1$

20) If $f(x) = 9-x^2$, and $g(x) = 10$, then $(fg)(x) =$

- [A] $1-x^2$ [B] $19-x^2$ [C] $1+x^2$ [D] $90-10x^2$

21) If $f(x) = 9-x^2$, and $g(x) = 10$, then $(f \circ g)(x) =$

- [A] $1-x^2$ [B] $9-(9-x^2)^2$ [C] 10 [D] -99

22) If $f(x) = 9-x^2$, and $g(x) = 10$, then $(g \circ f)(x) =$

- [A] $1-x^2$ [B] $9-(9-x^2)^2$ [C] 10 [D] -99

23) If $f(x) = 9-x^2$, and $g(x) = 10$, then $(f \circ f)(x) =$

- [A] $1-x^2$ [B] $9-(9-x^2)^2$ [C] 10 [D] -99

24) If $f(x) = 9-x^2$, and $g(x) = 10$, then $(g \circ g)(x) =$

- [A] $1-x^2$ [B] $9-(9-x^2)^2$ [C] 10 [D] -99

25) If $f(x) = 9-x^2$, $g(x) = \sin x$ and $h(x) = 3x + 2$, then $(f \circ g \circ h)(x) =$

- [A] $9-\sin^2(3x)$ [B] $9-\sin(3x+2)$

- [C] $9-\sin^2(3x+2)$ [D] $\sin^2(3x+2)$

26) If $f(x) = \sqrt{25+x^2}$, and $g(x) = x^3$, then $(f+g)(x) =$

- [A] $x^3\sqrt{25+x^2}$ [B] $\sqrt{25+x^2}+x^3$ [C] $\sqrt{25+x^2}-x^3$ [D] $\frac{\sqrt{25+x^2}}{x^3}$

27) If $f(x) = \sqrt{25+x^2}$, and $g(x) = x^3$, then $(f-g)(x) =$

- [A] $x^3\sqrt{25+x^2}$ [B] $\sqrt{25+x^2}+x^3$ [C] $\sqrt{25+x^2}-x^3$ [D] $\frac{\sqrt{25+x^2}}{x^3}$

28) If $f(x) = \sqrt{25+x^2}$, and $g(x) = x^3$, then $(fg)(x) =$

- [A] $x^3\sqrt{25+x^2}$ [B] $\sqrt{25+x^2}+x^3$ [C] $\sqrt{25+x^2}-x^3$ [D] $\frac{\sqrt{25+x^2}}{x^3}$

29) If $f(x) = \sqrt{25+x^2}$, and $g(x) = x^3$, then $(\frac{f}{g})(x) =$

- [A] $\sqrt{\frac{25+x^2}{x^3}}$ [B] $\frac{x^3}{\sqrt{25+x^2}}$ [C] $\frac{\sqrt{26}}{x}$ [D] $\frac{\sqrt{25+x^2}}{x^3}$

30) If $f(x) = \sqrt{25+x^2}$, and $g(x) = x^3$, then $(f \circ g)(x) =$

- [A] $\sqrt{25+x^6}$ [B] $\sqrt{25+x^5}$ [C] $\sqrt{(25+x^2)^3}$ [D] $\sqrt[3]{(25+x^2)^2}$

31) If $f(x) = \sqrt{25+x^2}$, and $g(x) = x^3$, then $(g \circ f)(x) =$

- [A] $\sqrt{25+x^6}$ [B] $\sqrt{25+x^5}$ [C] $\sqrt{(25+x^2)^3}$ [D] $\sqrt[3]{(25+x^2)^2}$

32) If $f(x) = \sqrt{x}$, and $g(x) = x - 2$, then $(f \circ g)(x) =$

- [A] $\sqrt{x} - 2$ [B] $\sqrt{x-2}$ [C] $(x-2)\sqrt{x}$ [D] $x-4$

33) If $f(x) = \sqrt{x}$, and $g(x) = x - 2$, then $(g \circ f)(x) =$

- [A] $\sqrt{x} - 2$ [B] $\sqrt{x-2}$ [C] $(x-2)\sqrt{x}$ [D] $x-4$

34) If $f(x) = \sqrt{x}$, and $g(x) = x - 2$, then $(g \circ g)(x) =$

- [A] $\sqrt{x} - 2$ [B] $\sqrt{x-2}$ [C] $(x-2)\sqrt{x}$ [D] $x-4$

35) If $f(x) = \sqrt{x}$, and $g(x) = x - 2$, then $(fg)(x) =$

- [A] $\sqrt{x} - 2$ [B] $\sqrt{x-2}$ [C] $(x-2)\sqrt{x}$ [D] $x-4$

36) If $f(x) = \sin 5x$, and $g(x) = x^2 + 3$, then $(f \circ g)(x) =$

- [A] $\sin 5x^2 + 3$ [B] $\sin^2 5x + 3$ [C] $(x^2 + 3)\sin 5x$ [D] $\sin 5(x^2 + 3)$

37) If $f(x) = \sin 5x$, and $g(x) = x^2 + 3$, then $(g \circ f)(x) =$

- [A] $\sin 5x^2 + 3$ [B] $\sin^2 5x + 3$ [C] $(x^2 + 3)\sin 5x$ [D] $\sin 5(x^2 + 3)$

38) If $f(x) = \sin 5x$, and $g(x) = x^2 + 3$, then $(fg)(x) =$

- [A] $\sin 5x^2 + 3$ [B] $\sin^2 5x + 3$ [C] $(x^2 + 3)\sin 5x$ [D] $\sin 5(x^2 + 3)$

39) If $f(x) = \sqrt{x}$, and $g(x) = \cos x$, then $(g \circ f)(x) =$

- [A] $\cos \sqrt{x}$ [B] $\sqrt{\cos x}$ [C] $\sqrt{x} \cos x$ [D] $\cos x$

40) If $f(x) = x + \frac{1}{x}$, and $g(x) = 1 - x^2$, then $(f \circ g)(x) =$

- [A] $1 + (x + \frac{1}{x})^2$ [B] $(1 - x^2) + \frac{1}{1 - x^2}$ [C] $1 - (x + \frac{1}{x})^2$ [D] $(x + \frac{1}{x})(1 - x^2)$

41) If $f(x) = x + \frac{1}{x}$, and $g(x) = 1 - x^2$, then $(g \circ f)(x) =$

- [A] $1 + (x + \frac{1}{x})^2$ [B] $(1 - x^2) + \frac{1}{1 - x^2}$ [C] $1 - (x + \frac{1}{x})^2$ [D] $(x + \frac{1}{x})(1 - x^2)$

42) If $f(x) = x + \frac{1}{x}$, and $g(x) = 1 - x^2$, then $(fg)(x) =$

- [A] $1 + (x + \frac{1}{x})^2$ [B] $(1 - x^2) + \frac{1}{1 - x^2}$ [C] $1 - (x + \frac{1}{x})^2$ [D] $(x + \frac{1}{x})(1 - x^2)$

43) If the graph of the function $f(x) = x^2$ is shifted a distance 2 units upward, then the new graph represented the graph of the function is

- [A] $x^2 + 4x + 4$ [B] $x^2 - 4x + 4$ [C] $x^2 + 2$ [D] $x^2 - 2$

44) If the graph of the function $f(x) = x^2$ is shifted a distance 2 units downward, then the new graph represented the graph of the function is

- [A] $x^2 + 4x + 4$ [B] $x^2 - 4x + 4$ [C] $x^2 + 2$ [D] $x^2 - 2$

45) If the graph of the function $f(x) = x^2$ is shifted a distance 2 units to the right, then the new graph represented the graph of the function is

- [A] $x^2 + 4x + 4$ [B] $x^2 - 4x + 4$ [C] $x^2 + 2$ [D] $x^2 - 2$

46) If the graph of the function $f(x) = x^2$ is shifted a distance 2 units to the left, then the new graph represented the graph of the function is

- [A] $x^2 + 4x + 4$ [B] $x^2 - 4x + 4$ [C] $x^2 + 2$ [D] $x^2 - 2$

47) If the graph of the function $f(x) = \cos x$ is stretch vertically by a factor of 2, then the new graph represented the graph of the function is

- [A] $\cos \frac{x}{2}$ [B] $\cos 2x$ [C] $2\cos x$ [D] $\frac{1}{2}\cos x$

48) If the graph of the function $f(x) = \cos x$ is compress vertically by a factor of 2, then the new graph represented the graph of the function is

- [A] $\cos \frac{x}{2}$ [B] $\cos 2x$ [C] $2\cos x$ [D] $\frac{1}{2}\cos x$

49) If the graph of the function $f(x) = \cos x$ is compressed horizontally by a factor of 2, then the new graph represented the graph of the function is

- [A] $\cos \frac{x}{2}$ [B] $\cos 2x$ [C] $2\cos x$ [D] $\frac{1}{2}\cos x$

50) If the graph of the function $f(x) = \cos x$ is stretch horizontally by a factor of 2, then the new graph represented the graph of the function is

- [A] $\cos \frac{x}{2}$ [B] $\cos 2x$ [C] $2\cos x$ [D] $\frac{1}{2}\cos x$

51) The graph of the function $f(x) = \sqrt{x}$ is reflected about the x -axis if

- [A] $-\sqrt{x}$ [B] $\sqrt{-x}$ [C] x [D] $-x$

52) The graph of the function $f(x) = \sqrt{x}$ is reflected about the y -axis if

- [A] $-\sqrt{x}$ [B] $\sqrt{-x}$ [C] x [D] $-x$

53) If the graph of the function $f(x) = e^x$ is shifted a distance 2 units upward, then the new graph represented the graph of the function

- [A] e^{x+2} [B] $e^x + 2$ [C] e^{x-2} [D] $e^x - 2$

54) If the graph of the function $f(x) = e^x$ is shifted a distance 2 units downward, then the new graph represented the graph of the function

- [A] e^{x+2} [B] $e^x + 2$ [C] e^{x-2} [D] $e^x - 2$

55) If the graph of the function $f(x) = e^x$ is shifted a distance 2 units to the right, then the new graph represented the graph of the function

- [A] e^{x+2} [B] $e^x + 2$ [C] e^{x-2} [D] $e^x - 2$

56) If the graph of the function $f(x) = e^x$ is shifted a distance 2 units to the left, then the new graph represented the graph of the function

- [A] e^{x+2} [B] $e^x + 2$ [C] e^{x-2} [D] $e^x - 2$

57) $\frac{2\pi}{3}$ rad =

- [A] 120° [B] 150° [C] 270° [D] 210°

58) $\frac{5\pi}{6}$ rad =

- [A] 120° [B] 150° [C] 270° [D] 210°

59) $\frac{7\pi}{6}$ rad =

- [A] 120° [B] 150° [C] 270° [D] 210°

60) $\frac{3\pi}{2}$ rad =

- [A] 120° [B] 150° [C] 270° [D] 210°

61)	$120^\circ =$						
<input type="checkbox"/> A	$\frac{2\pi}{3}$ rad	<input type="checkbox"/> B	$\frac{3\pi}{2}$ rad	<input type="checkbox"/> C	$\frac{5\pi}{6}$ rad	<input type="checkbox"/> D	$\frac{5\pi}{12}$ rad
62)	$270^\circ =$						
<input type="checkbox"/> A	$\frac{5\pi}{6}$ rad	<input type="checkbox"/> B	$\frac{3\pi}{2}$ rad	<input type="checkbox"/> C	$\frac{2\pi}{3}$ rad	<input type="checkbox"/> D	$\frac{5\pi}{12}$ rad
63)	$\frac{5\pi}{12}$ rad =						
<input type="checkbox"/> A	120°	<input type="checkbox"/> B	150°	<input type="checkbox"/> C	300°	<input type="checkbox"/> D	75°
64)	$\frac{5\pi}{6}$ rad =						
<input type="checkbox"/> A	120°	<input type="checkbox"/> B	150°	<input type="checkbox"/> C	300°	<input type="checkbox"/> D	75°
65)	$150^\circ =$						
<input type="checkbox"/> A	$\frac{5\pi}{6}$ rad	<input type="checkbox"/> B	$\frac{3\pi}{2}$ rad	<input type="checkbox"/> C	$\frac{2\pi}{3}$ rad	<input type="checkbox"/> D	$\frac{5\pi}{12}$ rad
66)	$210^\circ =$						
<input type="checkbox"/> A	$\frac{5\pi}{6}$ rad	<input type="checkbox"/> B	$\frac{3\pi}{2}$ rad	<input type="checkbox"/> C	$\frac{7\pi}{6}$ rad	<input type="checkbox"/> D	$\frac{5\pi}{12}$ rad
67)	$\frac{1}{\sec x} =$						
<input type="checkbox"/> A	$\tan x$	<input type="checkbox"/> B	$\csc x$	<input type="checkbox"/> C	$\cos x$	<input type="checkbox"/> D	$\sin x$
68)	$\frac{1}{\csc x} =$						
<input type="checkbox"/> A	$\tan x$	<input type="checkbox"/> B	$\sec x$	<input type="checkbox"/> C	$\cos x$	<input type="checkbox"/> D	$\sin x$
69)	$\frac{1}{\cot x} =$						
<input type="checkbox"/> A	$\tan x$	<input type="checkbox"/> B	$\csc x$	<input type="checkbox"/> C	$\cos x$	<input type="checkbox"/> D	$\sin x$
70)	$\frac{\sin x}{\cos x} =$						
<input type="checkbox"/> A	$\tan x$	<input type="checkbox"/> B	$\cot x$	<input type="checkbox"/> C	$\sec x$	<input type="checkbox"/> D	$\csc x$
71)	$\frac{\cos x}{\sin x} =$						
<input type="checkbox"/> A	$\tan x$	<input type="checkbox"/> B	$\cot x$	<input type="checkbox"/> C	$\sec x$	<input type="checkbox"/> D	$\csc x \cot x$
72)	If $\cos(x) = \frac{3}{5}$, and $0 < x < \frac{\pi}{2}$, then $\cot(x) =$						
<input type="checkbox"/> A	$\frac{4}{3}$	<input type="checkbox"/> B	$\frac{5}{3}$	<input type="checkbox"/> C	$\frac{4}{5}$	<input type="checkbox"/> D	$\frac{3}{4}$

73) If $\cos(x) = \frac{3}{5}$, and $0 < x < \frac{\pi}{2}$, then find $\tan(x) =$

- [A] $\frac{4}{3}$ [B] $\frac{5}{3}$ [C] $\frac{4}{5}$ [D] $\frac{3}{4}$

74) If $\cos(x) = \frac{3}{5}$, and $0 < x < \frac{\pi}{2}$, then $\sin(x) =$

- [A] $\frac{4}{3}$ [B] $\frac{5}{3}$ [C] $\frac{4}{5}$ [D] $\frac{3}{4}$

75) If $\cos(x) = \frac{3}{5}$, and $0 < x < \frac{\pi}{2}$, then $\csc(x) =$

- [A] $\frac{4}{3}$ [B] $\frac{5}{4}$ [C] $\frac{4}{5}$ [D] $\frac{3}{4}$

76) $\sin\left(\frac{5\pi}{6}\right) =$

- [A] $\frac{1}{2}$ [B] $-\frac{\sqrt{3}}{2}$ [C] $-\frac{1}{\sqrt{3}}$ [D] $-\sqrt{3}$

77) $\cos\left(\frac{5\pi}{6}\right) =$

- [A] $\frac{1}{2}$ [B] $-\frac{\sqrt{3}}{2}$ [C] $-\frac{1}{\sqrt{3}}$ [D] $-\sqrt{3}$

78) $\tan\left(\frac{5\pi}{6}\right) =$

- [A] $\frac{1}{2}$ [B] $-\frac{\sqrt{3}}{2}$ [C] $-\frac{1}{\sqrt{3}}$ [D] $-\sqrt{3}$

79) $\cot\left(\frac{5\pi}{6}\right) =$

- [A] $\frac{1}{2}$ [B] $-\frac{\sqrt{3}}{2}$ [C] $-\frac{1}{\sqrt{3}}$ [D] $-\sqrt{3}$

80) If $\sin(x) = \frac{2}{3}$, and $0 < x < \frac{\pi}{2}$, then $\sec(x) =$

- [A] $\frac{\sqrt{5}}{2}$ [B] $\frac{3}{\sqrt{5}}$ [C] $\frac{3}{2}$ [D] $\frac{2}{\sqrt{5}}$

81) If $\sin(x) = \frac{2}{3}$, and $0 < x < \frac{\pi}{2}$, then $\csc(x) =$

A $\frac{\sqrt{5}}{2}$

B $\frac{3}{\sqrt{5}}$

C $\frac{3}{2}$

D $\frac{2}{\sqrt{5}}$

82) If $\sin(x) = \frac{3}{4}$, and $0 < x < \frac{\pi}{2}$, then $\cos(x) =$

A $\frac{\sqrt{7}}{4}$

B $\frac{3}{\sqrt{7}}$

C $\frac{4}{\sqrt{7}}$

D $\frac{\sqrt{7}}{3}$

83) If $\sin(x) = \frac{3}{4}$, and $0 < x < \frac{\pi}{2}$, then $\cot(x) =$

A $\frac{\sqrt{7}}{4}$

B $\frac{3}{\sqrt{7}}$

C $\frac{4}{\sqrt{7}}$

D $\frac{\sqrt{7}}{3}$

84) If $\csc(x) = -\frac{5}{3}$, and $\frac{3\pi}{2} < x < 2\pi$, then $\cos(x) =$

A $\frac{4}{5}$

B $-\frac{3}{4}$

C $\frac{5}{4}$

D $-\frac{4}{3}$

85) If $\csc(x) = -\frac{5}{3}$, and $\frac{3\pi}{2} < x < 2\pi$, then $\sec(x) =$

A $\frac{4}{5}$

B $-\frac{3}{4}$

C $\frac{5}{4}$

D $-\frac{4}{3}$

86) If $\csc(x) = -\frac{5}{3}$, and $\frac{3\pi}{2} < x < 2\pi$, then $\cot(x) =$

A $\frac{4}{5}$

B $-\frac{3}{4}$

C $\frac{5}{4}$

D $-\frac{4}{3}$

87) If $\csc(x) = -\frac{5}{3}$, and $\frac{3\pi}{2} < x < 2\pi$, then $\tan(x) =$

A $\frac{4}{5}$

B $-\frac{3}{4}$

C $\frac{5}{4}$

D $-\frac{4}{3}$

88) If $f(x) = \sin x$, then $D_f =$

A $(-\infty, 1]$

B $(-\infty, -1)$

C $\mathbb{R} = (-\infty, \infty)$

D $[-1, 1]$

89) If $f(x) = \cos x$, then $D_f =$

A $(-\infty, 1]$

B $(-\infty, -1)$

C $\mathbb{R} = (-\infty, \infty)$

D $[-1, 1]$

90) If $f(x) = \sin x$, then $R_f =$

A $(-1, 0]$

B $(0, 1)$

C $\mathbb{R} = (-\infty, \infty)$

D $[-1, 1]$

91) If $f(x) = \cos x$, then $R_f =$

A $(-1, 0]$

B $(0, 1)$

C $\mathbb{R} = (-\infty, \infty)$

D $[-1, 1]$