

$$34 \quad f(x) = \frac{x|x| - 1}{4 - x^2}$$

$$35 \quad f(x) = \frac{2x - 6}{x|x| + x - 2}$$

$$36 \quad f(x) = \frac{|(2-x)^3|}{x^2}$$

$$37 \quad f(x) = \frac{|x^2 - 5x + 6|}{x^2 + 2}$$

$$38 \quad f(x) = \frac{x^2 + |x|}{|x - 1|}$$

$$39 \quad f(x) = \frac{x^2 + 6x + 5}{|x|}$$

$$40 \quad f(x) = \frac{|x^2 - 4x + 3|}{x}$$

$$41 \quad f(x) = \left| \frac{1}{5}x^5 - \frac{4}{3}x^3 \right|$$

$$42 \quad f(x) = \left| \frac{(x-2)^3}{x} \right|$$

$$43 \quad f(x) = \frac{3}{5}\sqrt{25 - x^2}$$

$$44 \quad f(x) = \sqrt{\frac{x+2}{x}}$$

$$45 \quad f(x) = \sqrt{\frac{x+1}{4-x^2}}$$

$$46 \quad f(x) = \sqrt{\frac{x^2-1}{x-2}}$$

$$47 \quad f(x) = \frac{\sqrt{1-x}}{x+1}$$

$$48 \quad f(x) = \sqrt{x + \frac{1}{x}}$$

$$49 \quad f(x) = \sqrt[3]{4x - x^2}$$

$$50 \quad f(x) = \sqrt[3]{3x + x^2}$$

$$51 \quad f(x) = \sqrt[3]{(x+5)^2}$$

$$52 \quad f(x) = \sqrt[3]{3x^2 - x^3}$$

$$53 \quad f(x) = \sqrt[3]{\frac{4+x}{x-1}}$$

$$54 \quad f(x) = \frac{2-3x}{\sqrt{x^2+2}}$$

$$55 \quad f(x) = \frac{\sqrt{2-3x}}{x^2+2}$$

$$56 \quad f(x) = \sqrt[3]{x^3 - x^2}$$

$$57 \quad f(x) = \frac{x}{\sqrt{1-x^2}}$$

$$58 \quad f(x) = \sqrt{3-2x} - 2x$$

$$59 \quad f(x) = x - \sqrt{4-x}$$

$$60 \quad f(x) = x - 3 - \sqrt{x^2 - 1}$$

$$61 \quad f(x) = \frac{\sqrt{x-2} - 2x+1}{4-x}$$

$$62 \quad f(x) = \frac{\sqrt{2+x}}{x^2-1}$$

$$63 \quad f(x) = \sqrt{\frac{x^3}{x+1}}$$

$$64 \quad f(x) = \sqrt[3]{\frac{x^2-1}{x^2+2}}$$

$$65 \quad f(x) = \frac{\sqrt{4-x^2}}{x}$$

$$66 \quad f(x) = \frac{1}{1+\sqrt{1-x}}$$

$$67 \quad f(x) = \frac{x+\sqrt{x^2+1}}{\sqrt{x^2+1}}$$

$$68 \quad f(x) = \sqrt{x^3 - 2x^2 - 3x}$$

$$69 \quad f(x) = \frac{\sqrt{x^2-9}-1}{x}$$

$$70 \quad f(x) = \frac{x}{2-\sqrt{x^2-5}}$$