

Solutions

Each answer shows the steps, then the **result**.

2.1

- $\frac{1}{\sqrt{1-x^2}}$

2.2

- $\frac{1}{1+x^2}$

2.3

- $-\frac{1}{\sqrt{1-x^2}}$

3.1 B

3.2 B

3.3

(a)

- $\frac{1}{\sqrt{1-x^2}}$

(b)

- $\frac{1}{1+x^2}$

(c)

- $-\frac{1}{\sqrt{1-x^2}}$