

6.
$$(1+\frac{2}{x})^{\frac{1}{2}} = 1+(\frac{1}{x})(\frac{1}{x}) + (\frac{1}{x})(\frac{1}{x})^{\frac{1}{2}} + (\frac{1}{x})(\frac{1}{x})(\frac{1}{x})$$

(onverses when $|\frac{1}{2}|$ (1)

($\frac{1}{x} - \frac{1}{x}$ ($\frac{1}{x}$)

7. $Sin(\frac{1}{x}) = \frac{4x - \frac{4x^2}{3!} - \frac{4x^2}{5!}}{5!}$

7.
$$S:n(42) = 4) - \frac{1}{3!} - \frac{1}{5!}$$

8. $\sum_{K=1}^{6!} \frac{1}{5!} = \frac{1}{5!} + \frac{1}{5!} + \frac{1}{5!} + \frac{1}{6!}$
 $K=1 = -0.5$ 0.1661 - 00166 0.00833 - 0.00138

10.
$$P(x) = (x+2)^2$$

$$f(x) = (y)^2 f(x) = 7x$$

$$y = x+2 \quad x' = 1$$

$$f(x)^{1/2} = f(x)^{1/2} \quad x' = 7x + 1$$

$$= 7x + 16$$