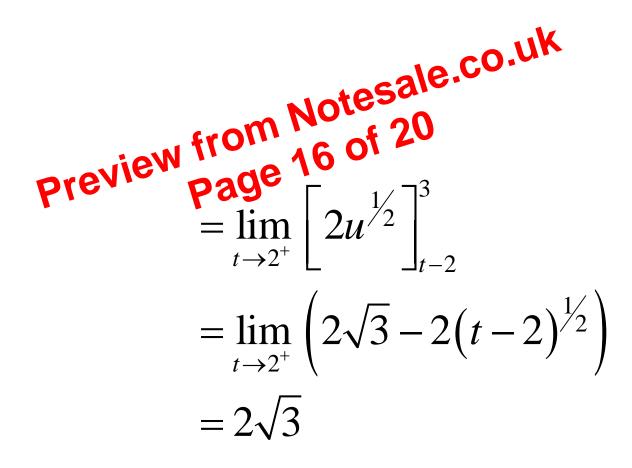


Therefore,
$$\int_{-\infty}^{+\infty} \frac{dx}{1+x^2} = \frac{\pi}{2} + \frac{\pi}{2} = \pi$$



Required Exercises

Preview from Notesale.co.uk Preview page 19 of 20 Answer Exercises 7.9 (1-18) on page 657-658 Exercises 7.10 (1-29) on page 664 Check your answers on A-161 and A-162.