



- 1) Simplify  $4\sqrt{7} \times 3\sqrt{7}$
- 2) Find the nth term of  $\frac{3}{4}, \frac{5}{9}, \frac{7}{16}, \frac{9}{25}$
- 3) Solve  $\cos x = 0.5$  for  $0^\circ \leq x < 360^\circ$
- 4) Find the inverse function of  $f(x) = \frac{x+3}{4} - 5$
- 5) Find the next term in the sequence  $6, 3, \frac{3}{2}, \frac{3}{4}, \dots$