

MATHS IN FOCUS 12

MATHEMATICS EXTENSION 1

WORKED SOLUTIONS

Chapter 1: Sequences and series

Exercise 1.01 General sequences and series

Question 1

- a** 14, 17, 20 (add 3 to each term)
- b** 23, 28, 33 (add 5 to each term)
- c** 44, 55, 66 (add 11 to each term)
- d** 85, 80, 75 (subtract 5 from each term)
- e** 1, -1, -3 (subtract 2 from each term)
- f** -15, -24, -33 (subtract 9 from each term)
- g** $2, 2\frac{1}{2}, 3$ (add $\frac{1}{2}$ to each term)
- h** 3.1, 3.7, 4.3 (add 0.6 to each term)
- i** 32, -64, 128 (multiply each term by -2)
- j** $\frac{27}{320}, \frac{81}{1280}, \frac{243}{5120}$ (multiply each term by $\frac{3}{4}$)

Maths In Focus Extension 1 Worked Solutions

KJ Lindholm-Leary



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