



Instructor: Dr. R.A.G. Seely
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Test 1
(version for practice)

Algebra & Functions (Maths 201-016)

Answers

1. They equal:

- (a) 33 (b) -14 (c) $1/2$ (d) -3
(e) $\frac{25}{12}$ (f) $\frac{13}{21}$ (g) 54 (h) $\frac{8}{3}$

2. Expansions:

- (a) $A^2 - B^2$ (b) $A^2 + 2AB + B^2$ (c) $1 + 2x - x^2$
(d) $15(x^2 + 2x - 3) = 15(x + 3)(x - 1)$ (e) $24x^2 - 23x + 9$

3. Solutions:

- (a) $x = 24/5$ (b) $x = 1/36$ (c) $x = 7/4$

End of Practice Test

The alternate questions:

1. Question 1

- (a) 15 (b) 1

2. Question 2

- (a) $4y^2 - 20xy + 1$

3. Question 3

- (a) $x = 5$