SUBSTITUTION
SINGLE VARIABLE

NO CALCULATOR

Ref: G212. **1F1**

A1 If $a = 5$ Find the value of $a + 3$	**A2** If $a = 7$ Find the value of $a + 6$	**A3** If $a = 9$ Find the value of $a - 6$	**A4** If $a = 2$ Find the value of $6 - a$
B1 If $a = 4$ Find the value of $3a$	**B2** If $a = 7$ Find the value of $6a$	**B3** If $a = 15$ Find the value of $\dfrac{a}{3}$	**B4** If $a = 5$ Find the value of $\dfrac{10}{a}$
C1 If $a = 4$ Find the value of $3a + 2$	**C2** If $a = 4$ Find the value of $3(a + 2)$	**C3** If $a = 6$ Find the value of $5a - 2$	**C4** If $a = 7$ Find the value of $5(a - 2)$
D1 If $a = 7$ Find the value of a^2	**D2** If $a = 2$ Find the value of a^3	**D3** If $a = 3$ Find the value of $a^2 + 1$	**D4** If $a = 3$ Find the value of $(a + 1)^2$
E1 If $a = 8$ Find the value of $(a+1)+(a+2)$	**E2** If $a = 6$ Find the value of $(a-1)(a-2)$	**E3** If $a = 7$ Find the value of $\dfrac{a+5}{a-3}$	**E4** If $a = 4$ Find the value of $a+(a+1)+(a+3)$

SUBSTITUTION
SINGLE VARIABLE

NO CALCULATOR

Ref: G212. **1F1**

A1 If $a = 5$ Find the value of $a + 3$ $5 + 3 = 8$	**A2** If $a = 7$ Find the value of $a + 6$ $7 + 6 = 13$	**A3** If $a = 9$ Find the value of $a - 6$ $9 - 6 = 3$	**A4** If $a = 2$ Find the value of $6 - a$ $6 - 2 = 4$
B1 If $a = 4$ Find the value of $3a$ $3 \times 4 = 12$	**B2** If $a = 7$ Find the value of $6a$ $6 \times 7 = 42$	**B3** If $a = 15$ Find the value of $\dfrac{a}{3}$ $\dfrac{15}{3} = 5$	**B4** If $a = 5$ Find the value of $\dfrac{10}{a}$ $\dfrac{10}{5} = 2$
C1 If $a = 4$ Find the value of $3a + 2$ $3 \times 4 + 2 = 14$	**C2** If $a = 4$ Find the value of $3(a + 2)$ $3 \times (4 + 2) = 18$	**C3** If $a = 6$ Find the value of $5a - 2$ $5 \times 6 - 2 = 28$	**C4** If $a = 7$ Find the value of $5(a - 2)$ $5 \times (7 - 2) = 25$
D1 If $a = 7$ Find the value of a^2 $7^2 = 49$	**D2** If $a = 2$ Find the value of a^3 $2^3 = 8$	**D3** If $a = 3$ Find the value of $a^2 + 1$ $3^2 + 1 = 10$	**D4** If $a = 3$ Find the value of $(a + 1)^2$ $(3 + 1)^2 = 16$
E1 If $a = 8$ Find the value of $(a + 1) + (a + 2)$ $(8 + 1) + (8 + 2) = 19$	**E2** If $a = 6$ Find the value of $(a - 1)(a - 2)$ $(6 - 1) \times (6 - 2) = 20$	**E3** If $a = 7$ Find the value of $\dfrac{a + 5}{a - 3}$ $\dfrac{7 + 5}{7 - 3} = \dfrac{12}{4} = 3$	**E4** If $a = 4$ Find the value of $a + (a + 1) + (a + 3)$ $4 + (4 + 1) + (4 + 3) = 16$

Worksheets, Videos, Online Assessments and Exam Solutions