



POWERS

SQUARES AND CUBES

NO CALCULATOR

Ref: G181. **1F1**

A1 Find 3^2	A2 Find 6^2	A3 Find 1^2	A4 Find 8^2
B1 Find 3^3	B2 Find 4^3	B3 Find 1^3	B4 Find 10^3
C1 Find 7^2	C2 Find 5^3	C3 Find 2^3	C4 Find 4^2
D1 Find $6^2 + 4^2$	D2 Find $7^2 - 6^2$	D3 Find $8^2 + 3^3$	D4 Find $9^2 + 2^3$
E1 Find $5^2 \times 2^2$	E2 Find $2^3 \times 3^2$	E3 Find $\frac{4^3}{8^2}$	E4 Find $1^2 + 2^2 + 3^2$



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Ref: G181. **1F1**

A1 Find $3^2 = 3 \times 3$ $= 9$	A2 Find $6^2 = 6 \times 6$ $= 36$	A3 Find $1^2 = 1 \times 1$ $= 1$	A4 Find $8^2 = 8 \times 8$ $= 64$
B1 Find $3^3 = 3 \times 3 \times 3$ $= 27$	B2 Find $4^3 = 4 \times 4 \times 4$ $= 64$	B3 Find $1^3 = 1 \times 1 \times 1$ $= 1$	B4 Find $10^3 = 10 \times 10 \times 10$ $= 1000$
C1 Find $7^2 = 7 \times 7$ $= 49$	C2 Find $5^3 = 5 \times 5 \times 5$ $= 125$	C3 Find $2^3 = 2 \times 2 \times 2$ $= 8$	C4 Find $4^2 = 4 \times 4$ $= 16$
D1 Find $6^2 + 4^2 = 36 + 16$ $= 52$	D2 Find $7^2 - 6^2 = 49 - 36$ $= 13$	D3 Find $8^2 + 3^3 = 64 + 27$ $= 91$	D4 Find $9^2 + 2^3 = 81 + 8$ $= 89$
E1 Find $5^2 \times 2^2 = 25 \times 4$ $= 100$	E2 Find $2^3 \times 3^2 = 8 \times 9$ $= 72$	E3 Find $\frac{4^3}{8^2} = \frac{64}{64} = 1$	E4 Find $1^2 + 2^2 + 3^2 = 1 + 4 + 9$ $= 14$