



## POWERS OF TWO AND TEN

## NO CALCULATOR

Ref: G181. **1F2**




<b>A1</b> Find $2^2$	<b>A2</b> Find $2^3$	<b>A3</b> Find $2^4$	<b>A4</b> Find $2^7$
<b>B1</b> Find $10^2$	<b>B2</b> Find $10^3$	<b>B3</b> Find $10^4$	<b>B4</b> Find $10^6$
<b>C1</b> Find $2^2 + 2^7$	<b>C2</b> Find $2^8 - 2^4$	<b>C3</b> Find $3 \times 2^6$	<b>C4</b> Find $2^5 + 2^7 - 2^4$
<b>D1</b> Find $10^4 + 10^3$	<b>D2</b> Find $10^6 + 10^2$	<b>D3</b> Find $10^5 + 10^3 + 10$	<b>D4</b> Find $5 \times 10^6$
<b>E1</b> Find $10^4 + 2^8$	<b>E2</b> Find $10^3 + 2^6$	<b>E3</b> Find $2^5 \times 10^5$	<b>E4</b> Find $2 + 2^2 + 2^3 + 2^4$



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<b>A1</b> Find $2^2 = 2 \times 2$ $= 4$	<b>A2</b> Find $2^3 = 2 \times 2 \times 2$ $= 8$	<b>A3</b> Find $2^4 = 2 \times 2 \times 2 \times 2$ $= 16$	<b>A4</b> Find $2^7 = 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$ $= 128$
<b>B1</b> Find $10^2 = 10 \times 10$ $= 100$  one hundred	<b>B2</b> Find $10^3 = 10 \times 10 \times 10$ $= 1000$  one thousand	<b>B3</b> Find $10^4 = 10 \times 10 \times 10 \times 10$ $= 10000$	<b>B4</b> Find $10^6 = 1000000$  one million
<b>C1</b> Find $2^2 + 2^7 = 4 + 128$ $= 132$	<b>C2</b> Find $2^8 - 2^4 = 256 - 16$ $= 240$	<b>C3</b> Find $3 \times 2^6 = 3 \times 64$ $= 192$	<b>C4</b> Find $2^5 + 2^7 - 2^4 = 32 + 128 - 16$ $= 144$
<b>D1</b> Find $10^4 + 10^3 = 10000 + 1000$ $= 11000$	<b>D2</b> Find $10^6 + 10^2 = 1000000 + 100$ $= 1000100$	<b>D3</b> Find $10^5 + 10^3 + 10$ $= 100000 + 1000 + 10$ $= 101010$	<b>D4</b> Find $5 \times 10^6 = 5 \times 1000000$ $= 5000000$
<b>E1</b> Find $10^4 + 2^8 = 10000 + 256$ $= 10256$	<b>E2</b> Find $10^3 + 2^6 = 1000 + 64$ $= 1064$	<b>E3</b> Find $2^5 \times 10^5 = 32 \times 100000$ $= 3200000$	<b>E4</b> Find $2 + 2^2 + 2^3 + 2^4 = 2 + 4 + 8 + 16$ $= 30$