

a Write 4.7×10^3 as an ordinary number <u>4700</u> standard form to an ordinary number	b Write 6.2×10^{-2} as an ordinary number <u>0.062</u> a negative power of ten	c Write 38 000 in standard form <u>3.8×10^4</u> a large number in standard form	d Write 0.0051 in standard form <u>5.1×10^{-3}</u> a small number in standard form
e Write 12×10^5 in standard form <u>1.2×10^6</u> putting A between 1 and 10	f Which is larger: 3×10^5 or 8×10^4 ? <u>3×10^5</u> comparing: the power first	g Work out $(2 \times 10^3) \times (4 \times 10^5)$ in standard form <u>8×10^8</u> multiplying in standard form	h Work out $(5 \times 10^4) \times (3 \times 10^2)$ in standard form <u>1.5×10^7</u> multiplying past 10 (adjust the power)
i Work out $(9 \times 10^8) \div (3 \times 10^2)$ in standard form <u>3×10^6</u> dividing in standard form	j Work out $(2 \times 10^3) \div (8 \times 10^7)$ in standard form <u>2.5×10^{-5}</u> dividing below 1 (adjust the power)	k Work out $4 \times 10^3 + 5 \times 10^2$ in standard form <u>4.5×10^3</u> adding with different powers	l Work out $(3 \times 10^4)^2$ in standard form <u>9×10^8</u> squaring in standard form

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