Standard Form Without a Calculator

(a)	(b)	(c)	(d)
Calculate $(4 \times 10^{83}) \times (2 \times 10^{61})$ 8×10^{144}	Calculate $(1.25 \times 10^{95}) \times (6 \times 10^{37})$ 7.5×10^{132}	Calculate $(4 \times 10^{74}) \times (7 \times 10^{50})$ 2.8×10^{125}	Calculate $\dfrac{9 \times 10^{143}}{3 \times 10^{53}}$ 3×10^{90}

(e)	(f)	(g)	(h)
Calculate $(9.6 \times 10^{187}) \div (6 \times 10^{32})$ 1.6×10^{155}	Calculate $\dfrac{2.4 \times 10^{105}}{8 \times 10^{23}}$ 4×10^{81}	Calculate $\sqrt{(4 \times 10^{100})}$ 2×10^{50}	Calculate $(8 \times 10^{129}) + (1 \times 10^{129})$ 9×10^{129}

(i)	(j)	(k)	(l)
Calculate $(7.5 \times 10^{193}) - (2.1 \times 10^{193})$ 5.4×10^{193}	Calculate $(4 \times 10^{100}) + (3 \times 10^{101})$ 3.4×10^{101}	Calculate $(6.2 \times 10^{88}) - (9 \times 10^{87})$ 5.3×10^{88}	Calculate $(1 \times 10^{112}) - (8 \times 10^{110})$ 9.2×10^{111}

(m)	(n)	(o)	(p)
Calculate $\dfrac{(4 \times 10^{95}) + (8 \times 10^{94})}{1.2 \times 10^{40}}$ 4×10^{55}	Calculate $\dfrac{(3 \times 10^{108}) - (3 \times 10^{107})}{9 \times 10^{72}}$ 3×10^{35}	Calculate $(6 \times 10^{50})^2 + 4.5 \times 10^{103}$ 4.536×10^{103}	Calculate $\sqrt{\dfrac{(5 \times 10^{150}) - (1 \times 10^{149})}{4 \times 10^{23}}}$ 3.5×10^{63}