|  |
| --- |
| **Standard Form Without a Calculator** |
| **(a)** | **(b)** | **(c)** | **(d)** |
| Calculate$$\left(4×10^{83}\right)×\left(2×10^{61}\right)$$ | Calculate$$\left(1.25×10^{95}\right)×\left(6×10^{37}\right)$$ | Calculate$$\left(4×10^{74}\right)×\left(7×10^{50}\right)$$ | Calculate$$\frac{9×10^{143}}{3×10^{53}}$$ |
| **(e)** | **(f)** | **(g)** | **(h)** |
| Calculate$$\left(9.6×10^{187}\right)÷\left(6×10^{32}\right)$$ | Calculate$$\frac{2.4×10^{105}}{8×10^{23}}$$ | Calculate$$\sqrt{\left(4×10^{100}\right)}$$ | Calculate $$\left(8×10^{129}\right)+\left(1×10^{129}\right)$$ |
| **(i)** | **(j)** | **(k)** | **(l)** |
| Calculate $$\left(7.5×10^{193}\right)-\left(2.1×10^{193}\right)$$ | Calculate $$\left(4×10^{100}\right)+\left(3×10^{101}\right)$$ | Calculate $$\left(6.2×10^{88}\right)-\left(9×10^{87}\right)$$ | Calculate $$\left(1×10^{112}\right)-\left(8×10^{110}\right)$$ |
| **(m)** | **(n)** | **(o)** | **(p)** |
| Calculate $$\frac{\left(4×10^{95}\right)+\left(8×10^{94}\right)}{1.2×10^{40}}$$ | Calculate $$\frac{\left(3×10^{108}\right)-\left(3×10^{107}\right)}{9×10^{72}}$$ | Calculate$$\left(6×10^{50}\right)^{2}+4.5×10^{103}$$ | Calculate$$\sqrt{\frac{\left(5×10^{150}\right)-\left(1×10^{149}\right)}{4×10^{23}}}$$ |