

$$(1) \quad 2e3 + 5e-1$$

$$2 \times 10^3 + 5 \times 10^{-1}$$

$$= 2000 + 0.5$$

$$= 2000.5$$

✓

$$\left(\frac{9}{11} \right)$$

=

$$\approx \frac{81}{100}$$

$$(2) \quad 1.6e2 \times 4e-3$$

$$\left(1.6 \times 10^2 \right) \times \left(4 \times 10^{-3} \right)$$

$$= (1.6 \times 100) \times (4 \div 1000)$$

$$= 160.0 \times 4$$

$$= \frac{640}{1000}$$

$$= 0.640$$

✓

$$\begin{array}{r} 2 \\ 160 \\ 1 \quad 4 \\ \hline 640 \end{array}$$

$$(3) 1e-4 / 2e-2$$

$$0.0001 \div 2e-2$$

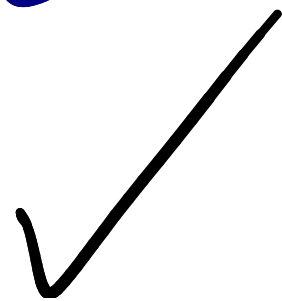
$$= 0.0001 \div 0.02$$

$$= \frac{1}{10000} \div \frac{2}{100}$$

$$= \frac{1}{10000} \times \frac{100}{2}$$

$$= \frac{50}{10000}$$

$$= 0.0050$$

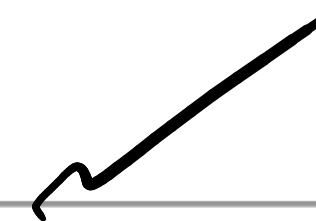


$$(4) (3e3) ** 2$$

$$= 3000 ** 2$$

$$= 3000 \times 3000$$

$$= 9,000,000$$



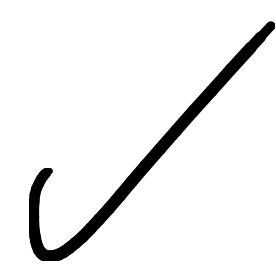
$$\begin{aligned}(5) \quad & 1.2345 e 6 \\ & = 1.2345 \times 10^6 \\ & = \underline{\underline{12345000}} \quad \times\end{aligned}$$

$$\begin{aligned}(6) \quad & 1.2345 e -12 \\ & = 0.0000000000012345 \\ & \quad \quad \quad \checkmark\end{aligned}$$

$$(7) 0.00000789 e 3$$

$$= 0.00000789 \times 1000$$

$$= 0.00789$$

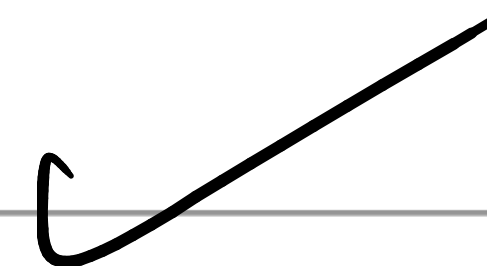


$$(8) 4e-1 + 2e1$$

$$= 4 \times 10^{-1} + 2 \times 10^1$$

$$= 0.4 + 20$$


$$= 20.4$$



(9) $0.1 + 0.2 = 0.3$

1 $0.3 = 0.3$

= true



$$(10) \quad 10000000000.0 + 1 = 10000000001.0$$

$$= 100000000 \quad 1.0 = 1000000001.0$$

= true



$$(11) \quad 100000000.1 + 1.2 = 100000001.3$$

true