



Q13

Answer :

(d) $\frac{-1}{8}$

$$\left(\frac{-1}{2}\right)^3 = \frac{-1^3}{2^3} = \frac{-1}{8}$$

Q14

Answer :

(b) $\frac{9}{16}$

$$\left(\frac{-3}{4}\right)^2 = \frac{(-3)^2}{(4)^2} = \frac{9}{16}$$

Q15

Answer :

(c) 3.67×10^6

$$3670000 = 367 \times 10^4 = 3.67 \times 100 \times 10^4 = 3.67 \times 10^2 \times 10^4 = 3.67 \times 10^{(2+4)} = 3.67 \times 10^6$$

Q16

Answer :

(b) 4.63×10^{-5}

$$0.0000463 = \frac{463}{10^7} = \frac{4.63 \times 10^2}{10^7} = 4.63 \times 10^{(2-7)} = 4.63 \times 10^{-5}$$

Q17

Answer :

(a) 3.67

$$0.000367 \times 10^4 = \frac{367}{10^6} \times 10^4 = 367 \times 10^{(4-6)} = 367 \times 10^{-2} = \frac{367}{10^2} = \frac{367}{100} = 3.67$$

***** END *****