

a) $\frac{4}{9}$

b) $\frac{-4}{9}$

c) $\frac{27}{8}$

d) $\frac{-8}{27}$

13. $2^2 + 2^2 + 2^2 + 2^2 = \underline{\hspace{2cm}}$.

a) 2^1

b) 2^2

c) 2^3

d) 2^4

14. $(-5)^4 = \underline{\hspace{2cm}}$.

a) 125

b) 625

c) -625

d) None of these

15. $\left(\frac{-3}{4}\right)^2 = \underline{\hspace{2cm}}$.

a) $\frac{9}{16}$

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

c) $\frac{-4}{9}$

d) $\frac{-9}{16}$

16. $\left(\frac{-3}{4}\right)^0 = \underline{\hspace{2cm}}$.

a) $\frac{-3}{4}$

b) 0

c) $\frac{3}{4}$

d) 1

17. If a number ' p ' is multiplied 9 times, then the resulting number is $\underline{\hspace{2cm}}$.

a) $9p$

b) $9+p$

c) p^9

d) None of these

18. $(-2)^{-5} = \underline{\hspace{2cm}}$.

a) -32

b) $\frac{-1}{32}$

c) 32

d) None of these

19. $3^8 \times 3^{92} - 3^{12} \times 3^{88} = \underline{\hspace{2cm}}$.

a) 1

b) -1

c) 0

d) None of these

20. $4^{-1} + 4^{-1} + 4^{-1} + 4^{-1} = \underline{\hspace{2cm}}$.

a) 0

b) $\frac{1}{2}$

c) 1

d) None of these