

1. Lemon Juice taste sour because they contain _____. a) Base b) Acid c) Poison d) None of these
2. ____ are used to test whether a substance is acidic or basic.
a) Salt b) Vinegar c) Indicators d) Soap
3. When Methyl orange is added to an acidic solution it turns _____.
a) Black b) Red c) Blue d) Purple
4. Calcium hydroxide is found in _____. a) Soap b) Lime water c) Milk of Magnesia d) None of these
5. Any substance which feel soapy on touching are known as _____.
a) Acidic b) Indicator c) Bases d) Salt
6. ____ are solutions which do not change the colour to either red or blue.
a) Acidic solution b) Basic solution c) Neutral solution d) Sugar solution
7. Oxalic acid is present in _____. a) Grapes b) Tomatoes c) Orange d) Green leafy vegetables
8. What is the another name for ascorbic acid? a) Vitamin C b) Vitamin B c) Berries d) None
9. Unscramble the word NIELAHTHPLONEPH
a) Phenolphthalein b) Phthalein Phenol c) Thalein PhPhenol d) None
10. The reaction between an acid and a base is known as _____.
a) Calcium hydroxide b) Indicator c) Milk of Magnesia d) Neutralization
11. _____ is the base found in the window cleaner.
a) Magnesium hydroxide b) Sodium hydroxide c) Calcium hydroxide d) Ammonium hydroxide
12. When China rose added to a basic solution it turns _____. a) Blue b) Violet c) Pink d) Red
13. ____ and ____ are produced by the neutralization process.
a) Soap & water b) Salt & Water c) Acid & Base d) None
14. Tartaric acid is present in _____. a) Tamarind b) Broccoli c) Pineapple d) Soap
15. Match the following:
a) Malic acid - a) Beets
b) Citiric acid - b) Berries
c) Ascorbic acid - c) Banana
d) Oxalic acid - d) Orange
a) c, a, b, d b) d, c, a, b c) b, a, c, d d) a, c, d, b
16. Our stomach contains _____ acid. a) Malic acid b) Citric acid c) Hydrochloric acid d) None
17. Ant injects the ____ into the skin. a) Malic acid b) Formic acid c) Tartaric acid d) Citric acid
18. Too much acid in the stomach causes _____.
a) Constipation b) Vomitting c) Indigestion d) Digestion
19. Hydrochloric acid helps us to _____. a) Grow well b) Dehydrate c) Concentrate d) Digest food
20. The place of antbite can be neutralized by rubbing a solution which contains _____.
a) Hydrochloric acid b) Vitamin C c) Milk of Magnesia d) Zinc Carbonate
21. To relieve indigestion we take an
a) Antiacid b) Milk of Magnesia c) Both (a) and (b) d) Formic acid
22. Complete the equation Base + _____ \rightarrow Salt + _____.
a) Acid, Water b) Water, Acid c) Salt, Base d) Acid, Sugar
23. Substance which are bitter in taste are _____. a) Salt b) Sugar c) Acid d) Base
24. Vinegar taste _____. a) Bitter b) Salty c) Sour d) Sugar

25. Pomegranates contains acid ____.

- a) Oxalic acid b) Malic acid c) Ascorbic acid d) Citric acid

26. An ____ expression is a combination of symbols, constants and variables.

- a) Arithmetic b) Quadratic c) Algebraic d) None

27. In monomial – binomial multiplication, ____ property is used.

- a) Commutative b) Distributive c) Associative d) Closure

28. The value of $S \times S =$ _____. a) S^3 b) S^4 c) S^2 d) S

29. The value of $\frac{-24r^4}{6r^2} =$ _____. a) $-4r^2$ b) $4r^2$ c) $-4r^4$ d) $4r^4$

30. The value of $\frac{39x^6}{13x} =$ _____. a) $3x$ b) $3x^5$ c) $3x^6$ d) $3x^7$

31. The value of $11m \times 11n =$ _____. a) $11mn$ b) $121mn$ c) $121m$ d) $121n$

32. The value of $p^2q^3 \times pq =$ _____. a) p^3q^4 b) p^3q c) p^2q^4 d) p^3q^3

33. The value of $3a \times (x + y) =$ _____. a) $3ax + y$ b) $3ax + 3ay$ c) $3ay$ d) $x + 3ay$

34. The value of $\frac{144w^2}{12w} =$ _____. a) $144w$ b) $12w$ c) $12w^2$ d) $144w^2$

35. The value of $-13p \times 2qr =$ _____. a) $-13pqr$ b) $26pqr$ c) $26p$ d) $-26pqr$

36. $a \times (b + c) =$ _____. a) $(a \times b) + c$ b) $(a \times b) + (a \times c)$ c) $ab + c$ d) abc

37. Multiply $2a$ by $(r + s) =$ _____. a) $2ars$ b) $2ar + s$ c) $2ar + 2as$ d) $r + 2as$

38. Divide $\frac{15mn + 20m}{5m} =$ _____. a) $3n + 4$ b) $3n + 4m$ c) $3mn + 4$ d) $3n$

39. $a \times (b - c) =$ _____. a) $(a \times b) - c$ b) $(a \times b) + (a \times c)$ c) $ab - c$ d) $(a \times b) - (a \times c)$

40. The value of $\frac{25p^4q^3r^2}{5p^2q^2r^2} =$ _____. a) $25p^2q$ b) $5p^2q$ c) $5p^2qr$ d) $5pqr$

41. The value of $\frac{24m^2n^2}{6mn} =$ _____. a) $4mn$ b) $6m^2n^2$ c) $4m^2n^2$ d) $4mn^2$

42. The value of $9a^3b^2 \times 5ab =$ _____. a) $45ab$ b) $45a^2b^2$ c) $45a^4b^3$ d) $9a^4b^3$

43. The value of $4p^2q^2r^2 \times 2pqr =$ _____. a) $8pqr$ b) $8p^3q^3r^3$ c) $4pqr$ d) $2pqr$

44. $x \times (y + z) =$ _____. a) xyz b) $(x \times y) + (x \times z)$ c) $(x \times y) z$ d) None

45. $3p \times (2q + r) =$ _____. a) $6pq + 3pr$ b) $6pqr$ c) $3pqr$ d) None

46. The value of $6m^2 \times 6m^2 =$ _____. a) $6m^4$ b) $36m^4$ c) $6m^2$ d) $36m$

47. The value of $\frac{64a^3b^3}{8a^2b^2} =$ _____. a) $8ab$ b) $8a^2b^2$ c) $8a^3b^3$ d) $64ab$

48. The value of $7x^2y \times 7xy^2 =$ _____. a) $7x^3y^3$ b) $49xy$ c) $49x^3y^3$ d) $7xy$

49. The value of $14mn \times 2m^2n^3 =$ _____. a) $28mn$ b) $28m^3n^4$ c) $28m^3n^3$ d) $14mn$

50. The value of $\frac{28pq}{4pq} =$ _____. a) $7pq$ b) $7p^2q^2$ c) $14pq$ d) 7