

In questions 17 to 32, fill in the blanks to make the statements true.

- 17.** Sum or difference of two like terms is _____.
- 18.** In the formula, area of circle = πr^2 , the numerical constant of the expression πr^2 is _____.
- 19.** $3a^2b$ and $-7ba^2$ are _____ terms.
- 20.** $-5a^2b$ and $-5b^2a$ are _____ terms.
- 21.** In the expression $2\pi r$, the algebraic variable is _____.
- 22.** Number of terms in a monomial is _____.
- 23.** Like terms in the expression $n(n + 1) + 6(n - 1)$ are _____ and _____.
- 24.** The expression $13 + 90$ is a _____.

58. Subtract

(a) $-7p^2qr$ from $-3p^2qr$.

(b) $-a^2 - ab$ from $b^2 + ab$.

(c) $-4x^2y - y^3$ from $x^3 + 3xy^2 - x^2y$.

12. $5\frac{1}{6} \div \frac{9}{2}$ is equal to

(a) $\frac{31}{6}$

(b) $\frac{1}{27}$

(c) $5\frac{1}{27}$

(d) $\frac{31}{27}$

13. Which of the following represents $\frac{1}{3}$ of $\frac{1}{6}$?

(a) $\frac{1}{3} + \frac{1}{6}$

(b) $\frac{1}{3} - \frac{1}{6}$

(c) $\frac{1}{3} \times \frac{1}{6}$

(d) $\frac{1}{3} \div \frac{1}{6}$

14. $\frac{3}{7}$ of $\frac{2}{5}$ is equal to

(a) $\frac{5}{12}$

(b) $\frac{5}{35}$

(c) $\frac{1}{35}$

(d) $\frac{6}{35}$

15. One packet of biscuits requires $2\frac{1}{2}$ cups of flour and $1\frac{2}{3}$ cups of sugar. Estimated total quantity of both ingredients used in 10 such packets of biscuits will be

(a) less than 30 cups

(b) between 30 cups and 40 cups

(c) between 40 cups and 50 cups

(d) above 50 cups

67. How many $\frac{1}{16}$ kg boxes of chocolates can be made with $1\frac{1}{2}$ kg chocolates?