

76. Simplify:

$$\frac{2\frac{1}{2} + \frac{1}{5}}{2\frac{1}{2} \div \frac{1}{5}}$$

77. Simplify:

$$\frac{\frac{1}{4} + \frac{1}{5}}{1 - \frac{3}{8} \times \frac{3}{5}}$$

In Questions 57 to 67, express each of the given statements as an equation.

57. 13 subtracted from twice of a number gives 3 .

67. The sum of twice a number and 4 is 18.

68. The age of Sohan Lal is four times that of his son Amit. If the difference of their ages is 27 years, find the age of Amit.

58. Subtract

(g) $x^3y^2 + 3x^2y^2 - 7xy^3$ from $x^4 + y^4 + 3x^2y^2 - xy^3$.

(h) $2(ab + bc + ca)$ from $-ab - bc - ca$.

(i) $4.5x^5 - 3.4x^2 + 5.7$ from $5x^4 - 3.2x^2 - 7.3x$.

74. Arjun bought a rectangular plot with length x and breadth y and then sold a triangular part of it whose base is y and height is z . Find the area of the remaining part of the plot.

Example 14: The median of observations 11, 12, 14, 18, $x + 2$, 20, 22, 25, 61 arranged in ascending order is 21. Find the value of x .

68. Find the mode of the given data:

10, 8, 4, 7, 8, 11, 15, 8, 4, 2, 3, 6, 8