

PRACTICE SET

Q1. A sum of Rs. 200 amount to Rs. 250 in 2 years. What would be the total amount after 7 years if the rate of interest after 2 years is increased by 2%.

Q2. A plane flies 65 km due West and then 72 km due North. Find the shortest distance covered by the plane to reach its original position.

Q3. What number when increased by 35% becomes 945?

Q4. Express 0.0625 as percent.

Q5. Which of the following rational number is the smallest among the following?

$$\frac{-3}{7}, \frac{-19}{42}, \frac{26}{-63}, \frac{8}{-21}, \frac{-9}{14}$$

Q6. Riddhi sold his computer with a loss of 12% to Supriyo. If the cost price of the computer is Rs. 36000, find the price by which he sold it.

Q7. Two complementary angles are in the ratio 7 : 11. Identify the larger angle.

Q8. Identify the coefficient of m^4 from the following expression

$$3m^2n^3p - 14p^5n^4m + 5m^3p^6n^2 - 30m^4np^6$$