

## Higher Order Thinking Skill Questions

### Mathematics

#### Class 6

1. Mt. Everest, the highest elevation in Asia, is 29,028 feet above sea level. The Dead Sea, the lowest elevation, is 1,312 feet below sea level. What is the difference between these two elevations?
2. 2 soda bottles together contain 11 times as much beverage as a can of soda. If each soda bottle contains 1.8 liters of beverage, how much beverage (in ml) does each can of soda contain?
3. In the Sahara Desert one day it was  $136^{\circ}\text{F}$ . In the Gobi Desert a temperature of  $-50^{\circ}\text{F}$  was recorded. What is the difference between these two temperatures?
4. The product of two fractions is  $\frac{4}{5}$ . If one of them is  $\frac{1}{9}$ , find the other.
5. The incomes of X and Y are in the ratio of 3:2 and their expenditures are in the ratio of 5:3. If each of them saves Rs. 1000, then find X's income
6. Ron earns Rs. 840 in a week. How much will he earn in 36 days?
7. A car takes 4 hours to cover a distance, if it travels at a speed of 40 mph. What should be its speed to cover the same distance in 1.5 hours?
8. Twice a number equals 5 times the same number plus 18. Which is the number?
9. The base of an isosceles triangle is 12cm and its perimeter is 32cm. find the other two sides.
10. Length of a rectangle is three times its breadth. Perimeter of the rectangle is 40cm. find its length and width.