STANDARD 7TH: CHAPTER 2

Multiplications and division of integers

Q1. Select all correct options

1. If select the below three divisions of integers such that the fractional form of each will
    be $\frac{19}{3}$
    a. $\frac{19}{3}$
    b. $-\frac{19}{-3}$
    c. $\frac{28}{6}$
    d. $\frac{3}{19}$

2. Find the product of 139 and -13
    a. 1807
    b. -1807
    c. -1907
    d. 1907

3. Find the value $x^2 - 2xy + y^2$ for x = 137 and y = 139 (here $x^2 = x \times x$)
    a. 4
    b. -4
    c. 18769
    d. 19043

4. Find the value $x^2 + 2xy + y^2$ for x = 1 and y = 139 (here $x^2 = x \times x$)
    a. 1960
    b. 19600
    c. 196000
    d. 18600

5. Find the value $x^2 - y^2$ for x = 137 and y = 133 (here $x^2 = x \times x$)
    a. 1080
    b. 19600
    c. 196000
    d. 18600

6. The value of 999×999 is _____.

7. The division of $999 \div (-9)$ is _____

8. The sum of $(-1)^0 + (-1)^1 + (-1)^2 + (-1)^3 + (-1)^4$ is _____

9. The value of $\frac{1}{2} \times \frac{2}{3} \times \frac{3}{4} \times \frac{4}{5}$ is _____

10. The value of $\left(-\frac{1}{2}\right) \times \left(-\frac{2}{3}\right) \times \left(-\frac{3}{4}\right) \times \left(-\frac{4}{5}\right) \times \left(-\frac{1}{6}\right)$ is _____