

SAINIK SCHOOL AMBIKAPUR
SUMMER VACATION HOMEWORK (2025-26)

“Dear Cadets, Have a wonderful vacation with joy, enthusiasm and Happy Learning”

CLASS VIII

Do the following by cutting and pasting activities

1. To verify distributive property of multiplication over addition of Rational Numbers.
2. To verify the algebraic identity: $(a + b)^2 = a^2 + 2ab + b^2$
3. To verify the algebraic identity: $(a - b)^2 = a^2 - 2ab + b^2$
4. To verify that adjacent angles of a parallelogram are supplementary
5. To verify that the diagonals of a parallelogram bisect each other
6. To prove that sum of the interior angles is 360° .
7. Solve all Exercise questions of the chapters Rational Numbers and Linear Equations in one variable from NCERT.