

Exercise 7

For the following exercises, simplify the given expression. Write answers with positive exponents.

$$3^2 \times 3^3$$

Solution

$$3^2 \times 3^3$$

$$(3 \times 3) \times (3 \times 3 \times 3)$$

$$3 \times 3 \times 3 \times 3 \times 3$$

$$3 \times 3 \times 3 \times 9$$

$$3 \times 3 \times 27$$

$$3 \times 81$$

$$243$$