

Exercise 6

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

$$15^{-2}$$

Solution

$$15^{-2}$$

$$\frac{1}{15^2}$$

$$\frac{1}{(3 \times 5)^2}$$

$$\frac{1}{3^2 \times 5^2}$$

$$\frac{1}{9 \times 25}$$

$$\frac{1}{225}$$