

Exercises on Exponent rules

1

$$[(x^5 \cdot y^3)^4]^2$$

2

$$(3^3 : 3^2) \cdot [(3^6 \cdot 3^4) : 3^5]^2$$

3

$$[(3^6 \cdot 3^4) : 3^5]^3$$

4

$$[(2^6 \cdot 2^4) : 2^5]^2$$

5

$$[(2^6 \cdot 2^4) : 2^5]^2 \cdot [(2^6 \cdot 2^4) : 2^5]^2$$

6

$$[(2^6 \cdot 2^4) : 2^5]^2 : [(2^6 \cdot 2^4) : 2^5]^2$$

7

$$[(x^5 \cdot x^3)^4]^2 \cdot [(x^5 \cdot x^3)^4]^2$$

8

$$[(x^5 \cdot x^3)^4]^2 : [(x^5 \cdot x^3)^4]^2$$