

## CollisonDeih Maths

## Indices- Mult and Div

dd/mm/yyyy

1.

Simplify:  
 $3^4 \div 3^2$

2.

Simplify:  
 $4^{-2} \times 4^3$

3.

Simplify:  
 $2^6 \div 2^2$

4.

Simplify:  
 $2^2 \times 2^6$

5.

Simplify:  
 $2^{-5} \div 2^6$

6.

Simplify:  
 $3^1 \times 3^{-6}$

7.

Simplify:  
 $4^5 \div 4^2$

8.

Simplify:  
 $2^{-2} \times 2^{-5}$

9.

Simplify:  
 $3^4 \div 3^3$

10.

Simplify:  
 $16^2 \times 2^5$

11.

Simplify:  
 $5^{-1} \div 5^{-1}$

12.

Simplify:  
 $81^7 \times 3^{-5}$

**Answer Key**

1. $3^2$	2. $4^1$	3. $2^4$	4. $2^8$
5. $2^{-11}$	6. $3^{-5}$	7. $4^3$	8. $2^{-7}$
9. $3^1$	10. $2^{13}$	11. $5^0$	12. $3^{23}$