

# Dividing Exponents (F)

Simplify each expression.

1.  $\frac{4^3}{4^0}$

2.  $\frac{7^2}{7^2}$

3.  $\frac{9^3}{9^3}$

4.  $\frac{2^9}{2^0}$

5.  $\frac{3^8}{3^0}$

6.  $\frac{9^4}{9^0}$

7.  $\frac{4^2}{4^2}$

8.  $\frac{4^4}{4^3}$

9.  $\frac{8^7}{8^7}$

10.  $\frac{8^5}{8^4}$

# Dividing Exponents (F) Answers

Simplify each expression.

$$1. \frac{4^3}{4^0}$$

$$= 4^3$$

$$2. \frac{7^2}{7^2}$$

$$= 7^0 = 1$$

$$3. \frac{9^3}{9^3}$$

$$= 9^0 = 1$$

$$4. \frac{2^9}{2^0}$$

$$= 2^9$$

$$5. \frac{3^8}{3^0}$$

$$= 3^8$$

$$6. \frac{9^4}{9^0}$$

$$= 9^4$$

$$7. \frac{4^2}{4^2}$$

$$= 4^0 = 1$$

$$8. \frac{4^4}{4^3}$$

$$= 4$$

$$9. \frac{8^7}{8^7}$$

$$= 8^0 = 1$$

$$10. \frac{8^5}{8^4}$$

$$= 8$$