

Dividing Exponents (C)

Simplify each expression.

1. $\frac{7^2}{7^0}$

2. $\frac{6^9}{6^9}$

3. $\frac{8^1}{8^1}$

4. $\frac{7^2}{7^1}$

5. $\frac{2^7}{2^5}$

6. $\frac{5^9}{5^5}$

7. $\frac{8^2}{8^0}$

8. $\frac{7^2}{7^0}$

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

10. $\frac{5^8}{5^1}$

Dividing Exponents (C) Answers

Simplify each expression.

$$1. \frac{7^2}{7^0}$$

$$= 7^2$$

$$2. \frac{6^9}{6^9}$$

$$= 6^0 = 1$$

$$3. \frac{8^1}{8^1}$$

$$= 8^0 = 1$$

$$4. \frac{7^2}{7^1}$$

$$= 7$$

$$5. \frac{2^7}{2^5}$$

$$= 2^2$$

$$6. \frac{5^9}{5^5}$$

$$= 5^4$$

$$7. \frac{8^2}{8^0}$$

$$= 8^2$$

$$8. \frac{7^2}{7^0}$$

$$= 7^2$$

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

$$= 9^0 = 1$$

$$10. \frac{5^8}{5^1}$$

$$= 5^7$$