

Dividing Exponents by Exponents

Name: _____ Score: _____

Divide the following exponents.

$$14^3 \div 14^2 =$$

$$50^1 \div 50^0 =$$

$$20^2 \div 10^2 =$$

$$9^5 \div 3^6 =$$

$$4^4 \div 2^4 =$$

$$20^1 \div 1^7 =$$

$$9^4 \div 3^4 =$$

$$4^4 \div 4^2 =$$

$$30^2 \div 5^2 =$$

$$6^4 \div 6^2 =$$

$$12^4 \div 2^6 =$$

$$6^4 \div 2^4 =$$

$$4^4 \div 2^6 =$$

$$16^3 \div 2^9 =$$

$$3^6 \div 3^2 =$$

$$4^4 \div 8^2 =$$

$$3^5 \div 9^2 =$$

$$6^2 \div 6^0 =$$

$$15^6 \div 15^5 =$$

$$20^3 \div 8^2 =$$

$$10^5 \div 5^3 =$$

Answers

Divide the following exponents.

$$14^3 \div 14^2 = 14 \quad 50^1 \div 50^0 = 50 \quad 20^2 \div 10^2 = 4$$

$$9^5 \div 3^6 = 81 \quad 4^4 \div 2^4 = 16 \quad 20^1 \div 1^7 = 20$$

$$9^4 \div 3^4 = 81 \quad 4^4 \div 4^2 = 16 \quad 30^2 \div 5^2 = 36$$

$$6^4 \div 6^2 = 36 \quad 12^4 \div 2^6 = 324 \quad 6^4 \div 2^4 = 81$$

$$4^4 \div 2^6 = 4 \quad 16^3 \div 2^9 = 8 \quad 3^6 \div 3^2 = 81$$

$$4^4 \div 8^2 = 4 \quad 3^5 \div 9^2 = 3 \quad 6^2 \div 6^0 = 36$$

$$15^6 \div 15^5 = 15 \quad 20^3 \div 8^2 = 125 \quad 10^5 \div 5^3 = 800$$