

# Write in Expanded Form

Name: \_\_\_\_\_ Score: \_\_\_\_\_

Solve and write in expanded form

$$3^5 = 243$$

$$3 \times 3 \times 3 \times 3 \times 3$$

$$4^7 =$$

$$5^4 =$$

$$10^5 =$$

$$3^7 =$$

$$12^4 =$$

$$6^5 =$$

$$7^5 =$$

$$15^3 =$$

$$20^4 =$$

$$4^8 =$$

$$2^9 =$$

# Answers

Solve and write in expanded form

$$3^5 = 243$$

$$3 \times 3 \times 3 \times 3 \times 3$$

$$4^7 = 16,384$$

$$4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$$

$$5^4 = 625$$

$$5 \times 5 \times 5 \times 5$$

$$10^5 = 100,000$$

$$10 \times 10 \times 10 \times 10 \times 10$$

$$3^7 = 2,187$$

$$3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$$

$$12^4 = 20,736$$

$$12 \times 12 \times 12 \times 12$$

$$6^5 = 7,776$$

$$6 \times 6 \times 6 \times 6 \times 6$$

$$7^5 = 16,807$$

$$7 \times 7 \times 7 \times 7 \times 7$$

$$15^3 = 3,375$$

$$15 \times 15 \times 15$$

$$20^4 = 160,000$$

$$20 \times 20 \times 20 \times 20$$

$$4^8 = 65,536$$

$$4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4 \times 4$$

$$2^9 = 512$$

$$2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$$