

Perfect Squares

Name: _____ Date: _____

Write these perfect squares as exponential expressions.

(1) 289

(2) 400

(3) 400

(4) 256

(5) 81

(6) 81

(7) 1

(8) 9

(9) 196

(10) 121

(11) 169

(12) 169

(13) 64

(14) 25

Write these exponential expressions as perfect squares.

(15) 4^2

(16) 10^2

(17) 1^2

(18) 5^2

(19) 8^2

(20) 12^2

(21) 2^2

(22) 11^2

(23) 18^2

(24) 7^2

(25) 9^2

(26) 3^2

Perfect Squares

ANSWER KEY

Write these perfect squares as exponential expressions.

(1) 289

$$\underline{17^2}$$

(2) 400

$$\underline{20^2}$$

(3) 400

$$\underline{20^2}$$

(4) 256

$$\underline{16^2}$$

(5) 81

$$\underline{9^2}$$

(6) 81

$$\underline{9^2}$$

(7) 1

$$\underline{1^2}$$

(8) 9

$$\underline{3^2}$$

(9) 196

$$\underline{14^2}$$

(10) 121

$$\underline{11^2}$$

(11) 169

$$\underline{13^2}$$

(12) 169

$$\underline{13^2}$$

(13) 64

$$\underline{8^2}$$

(14) 25

$$\underline{5^2}$$

Write these exponential expressions as perfect squares.

(15) 4^2

$$\underline{16}$$

(16) 10^2

$$\underline{100}$$

(17) 1^2

$$\underline{1}$$

(18) 5^2

$$\underline{25}$$

(19) 8^2

$$\underline{64}$$

(20) 12^2

$$\underline{144}$$

(21) 2^2

$$\underline{4}$$

(22) 11^2

$$\underline{121}$$

(23) 18^2

$$\underline{324}$$

(24) 7^2

$$\underline{49}$$

(25) 9^2

$$\underline{81}$$

(26) 3^2

$$\underline{9}$$