

1.3 Exponents

9-26-17

p. 14

in the math book

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base \rightarrow 3² \nwarrow exponent
(power)

three to the
second power

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$$3^2 = 3 \times 3$$

directions

multiply 3 two times

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$$3^2 = 3 \times 3 = 9$$

$$2^3 = 2 \times 2 \times 2 = 8$$

$$4^4 = 4 \times 4 \times 4 \times 4$$

repeated
multiplication

exponential
form

$$5^4 \quad 3^3 \quad 2^3$$

$$4 \times 4 \times 4 = 4^3$$

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Find the value.

$$3^2 = 3 \times 3 = 9$$

$$5^2 = 5 \times 5 = 25$$

$$2^3 = 2 \times 2 \times 2 = 8$$

$$1^6 = 1 \times 1 \times 1 \times 1 \times 1 \times 1 =$$

$$1^{50} = 1$$

$$\textcircled{1}$$

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