

Grade 7 Mathematics - Exponents - Review Questions

Total questions: 11

Worksheet time: 26mins

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Name Class Date

1. Which is equivalent to $7 \times 7 \times 7 \times 7 \times 7 \times 7$?

a) 7^7 b) 7^5 c) 7^6 d) 6^7

2. In the exponent 3^4 , the 3 represents_____ ?

a) integers

b) power

c) exponent

d) base

3.

$$(7^3)^2$$

a) 7^9 b) 7^5 c) 7^6 d) 7^1

4.

$$10^0$$

a) 0

b) 10

c) 100

d) 1

5.

$$3^5 \times 3^4$$

a) 3^{20}

b) 9^{20}

c) 3^9

d) 3^1

6.

$$5^3 \times 5^2 \times 5^4 \times 5^7$$

a) 625^{168}

b) 5^{168}

c) 625^{16}

d) 5^{16}

7.

$$4^{-2}$$

a) $1/16$

b) -16

c) 16

d) $-1/16$

8.

$$\frac{3^7}{3^{-5}}$$

a) 3^{12}

b) 3^{-2}

c) 3^2

d) 3^{-12}

9.

$$\frac{(5^{10})(5^{-4})}{5^2}$$

a) 5^{12}

b) 5^7

c) 5^4

d) 5^{16}

10.

$$(11^4 \times 3^5)^2$$

a) $121^6 \times 9^7$

b) $11^8 \times 3^{10}$

c) $22^8 \times 6^{10}$

d) $11^6 \times 3^7$

11.

$$\frac{(-5)^5 \times 2^5}{(-5)^2 \times 2^7}$$

a) $(-5)^3 / 2^2$

b) $(-5)^7 / 2^{12}$

c) $(-5)^3 \times 2^2$

d) $(-5)^{10} / 2^{35}$