

Understanding Exponents

Write the base and exponent.

base	exponent

1. 1^4

2. 1^7

3. l^4

4. $(7l)^1$

5. $(1n)^7$

6. w^8

7. r^7

8. $(8a)^2$

9. $(7g)^5$

10. 8^3

11. 1^2

12. x^5

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Date _____ Period _____

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r	7
8a	2
7g	5
8	3
1	2
x	5

Solution Steps

$$1) 1^4$$

The base is the bottom number, 1

The exponent is the top number, 4

$$2) 1^7$$

The base is the bottom number, 1

The exponent is the top number, 7

$$3) l^4$$

The base is the bottom number, l

The exponent is the top number, 4

$$4) (7l)^1$$

The base is the bottom number, 7l

The exponent is the top number, 1

$$5) (1n)^7$$

The base is the bottom number, 1n

The exponent is the top number, 7

$$6) w^8$$

The base is the bottom number, w

The exponent is the top number, 8

$$7) r^7$$

The base is the bottom number, r

The exponent is the top number, 7

$$8) (8a)^2$$

The base is the bottom number, 8a

The exponent is the top number, 2

$$9) (7g)^5$$

The base is the bottom number, 7g

The exponent is the top number, 5

$$10) 8^3$$

The base is the bottom number, 8

The exponent is the top number, 3

$$11) 1^2$$

The base is the bottom number, 1

The exponent is the top number, 2

$$12) x^5$$

The base is the bottom number, x

The exponent is the top number, 5