Name_____

Converting Exponents to Expanded Form

Date_____ Period_____

Convert to expanded form.

	expanded form

1. $h^3 * z^2$

2. u^5

3. $(cz)^5$

4. $d^4 * b^2$

5. 3^2

6. 4^3

7. f^5

8. $(wh)^2$

9. $(cq)^2$

10. a^5

11. 2^4

12. $s^2 * u^2$

Name_____

Date_____ Period_____

Convert to expanded form.

	expanded form
1. $h^3 * z^2$	$h * h * h * z * z$
2. u^5	$u * u * u * u * u$
3. $(cz)^5$	$cz * cz * cz * cz * cz$
4. $d^4 * b^2$	$d * d * d * d * b * b$
5. 3^2	$3 * 3$
6. 4^3	$4 * 4 * 4$
7. f^5	$f * f * f * f * f$
8. $(wh)^2$	$wh * wh$
9. $(cq)^2$	$cq * cq$
10. a^5	$a * a * a * a * a$
11. 2^4	$2 * 2 * 2 * 2$
12. $s^2 * u^2$	$s * s * u * u$

Name_____

Date_____ Period_____

Solution Steps

1) $h^3 * z^2$

The base h is multiplied 3 times

The base z is multiplied 2 times

2) u^5

The base u is multiplied 5 times

3) $(cz)^5$

The base cz is multiplied 5 times

4) $d^4 * b^2$

The base d is multiplied 4 times

The base b is multiplied 2 times

5) 3^2

The base 3 is multiplied 2 times

6) 4^3

The base 4 is multiplied 3 times

7) f^5

The base f is multiplied 5 times

8) $(wh)^2$

The base wh is multiplied 2 times

9)

$(cq)^2$

The base cq is multiplied 2 times

10)

a^5

The base a is multiplied 5 times

11)

2^4

The base 2 is multiplied 4 times

12)

$s^2 * u^2$

The base s is multiplied 2 times

The base u is multiplied 2 times