

Convert to expanded form.

1. $j^3 * e^3$

expanded form
 $j * j * j * e * e * e$

2. l^5

 $l * l * l * l * l$

3. 2^4

 $2 * 2 * 2 * 2$

4. $c^2 * t^3$

 $c * c * t * t * t$

5. 4^2

 $4 * 4$

6. j^2

 $j * j$

7. $(uv)^5$

 $uv * uv * uv * uv * uv$

8. $(hg)^3$

 $hg * hg * hg$

9. n^2

 $n * n$

10. 4^3

 $4 * 4 * 4$

11. $(ia)^4$

 $ia * ia * ia * ia$

12. $u^5 * x^2$

 $u * u * u * u * u * x * x$

Solution Steps

$$1) j^3 * e^3$$

The base j is multiplied 3 times

The base e is multiplied 3 times

$$2) l^5$$

The base l is multiplied 5 times

$$3) 2^4$$

The base 2 is multiplied 4 times

$$4) c^2 * t^3$$

The base c is multiplied 2 times

The base t is multiplied 3 times

$$5) 4^2$$

The base 4 is multiplied 2 times

$$6) j^2$$

The base j is multiplied 2 times

$$7) (uv)^5$$

The base uv is multiplied 5 times

$$8) (hg)^3$$

The base hg is multiplied 3 times

$${}^9) n^2$$

The base n is multiplied 2 times

$${}^{10}) 4^3$$

The base 4 is multiplied 3 times

$${}^{11}) (ia)^4$$

The base ia is multiplied 4 times

$${}^{12}) u^5 * x^2$$

The base u is multiplied 5 times

The base x is multiplied 2 times