An $\qquad$ indicates how many times the base is a factor. In the expression , the base is 2 and the exponent is 3 . The exponent is indicating that the base 2 is a factor 3 times, that is

The expression can be expanded and simplified in the following way
has four factors of and is being multiplied to which has three factors of , so there is a total of seven factors of .

(1)
(2)
(3)

The expression — can be expanded and simplified in the following way:
$\qquad$
N ote that the exponent of the result is the difference between the exponents of and
$\bar{W}$ hen dividing two powers with the same base, subtract the exponents.


Simplify.
a) -
b) $\qquad$ c)
d) -
e)
(4)
(5) -
(6)

The expression can be expanded and simplified the following way:

F or any re3(ny. 490 ©ng0 G) JT ET Q g3to0766666666666666666666666666666666666666666666666
(16) -
(17)
(18) -

