



Simplify each of the following expressions.

$$1,333^1$$

$$19^0$$

$$5^{-2}$$

$$(-2)^4$$

$$-2^4$$

$$-2^{-3}$$



This dust mite has been magnified  $1.5 \times 10^5$  times its actual size. The picture of the dust mite is how many times larger than the actual mite?

What is the value of this expression?

$$(1 - 4)^3 - 3 \cdot 8 \cdot 6$$