

Exercise 2015-7 EB-00002(4)

(1) Are the following true or false?

(a) $6^2 = 6 \times 2$

(b) The square root of 3 is 9.

(c) $5^1 + 5 \times 1 + 5 \div 1 = 15$

(2) Complete the next five numbers in each of the following sequences:

(a) 9 ; 16 ; 25 ; 36 ;

(b) 3×2 ; 4×2^2 ; 5×2^3 ;

(3) Calculate $\sqrt{8100}$ without using a calculator.

(4) Calculate: $\left\{ \left[(\sqrt{36} - \sqrt[3]{64})^2 \right]^2 \right\}^2$ without using a calculator.