

Exercise 2015-7EB-00003(1) Exponents

(1) Calculate (without using a calculator):

(a) $(14 - 2)^2$

(b) $4^2 - 1^1 + \sqrt{25}$

(c) $\sqrt[3]{27} \times 3^2$

(d) $\sqrt{(15)^2}$

(e) $\sqrt{100} + \sqrt{36}$

(f) $5^2 + \sqrt{121} - 4^2$

(g) $0 \times \sqrt[3]{343} + 8 \div 1$

(h) $1^{50} - 0^3$

(2) Calculate the sum of the square root of 9 and the square of 4.

(3) Calculate (without using a calculator):

(a) $1 \times 10^4 + 3 \times 10^3 + 6 \times 10^1$

(b) 5 Ten thousands + 15 Hundreds + 11 Units