

Worksheet 2015-8EA-00001(1)

NO CALCULATOR MAY BE USED IN THIS EXERCISE!

(1) Write the first 6 multiples of 12.

(2) What is the smallest factor of 15?

(3) Write all the factors of 36, smaller than 30.

(4) What is the smallest prime number?

(5) Use the rules for divisibility and prove that 1 548 is divisible by 6.

(6) Determine the prime factors of 18.

(7) Write the multiples of 6 which will also be factors of 24.

(8) Which whole number is not an element of the natural numbers?

(9) Determine the LCM of 3, 4 and 6.

(10) Determine the HCF of 15 and 20.

(11) Calculate, without using a calculator. Show all calculations.

(a) $\sqrt{25 - 9}$

(b) $3^2 - 2^2$

(c) $\sqrt[3]{8} - 2 \times 0$

(d) $(7 - 2)^2$

(e) $\sqrt{576}$
