

Exercise 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) $\sqrt{576}$