

Prime Numbers

Prime Numbers

1a. What are the next two prime numbers in the following sequence? 2, 3, 5, 7, __, __  VF	1b. What are the next two prime numbers in the following sequence? 23, 29, 31, 37, __, __  VF
2a. Which of the following numbers are not prime numbers? 17 29 14 21 13 11  VF	2b. Which of the following numbers are not prime numbers? 41 27 34 19 47 43  VF
3a. Colour all the prime numbers in the part whole model. 28 4 7 2 2  VF	3b. Colour all the prime factors in the factor tree. 40 2 20 10 2 5 2  VF
4a. True or false? The prime numbers before and after 31 are 27 and 35.  VF	4b. True or false? The prime numbers before and after 53 are 47 and 59.  VF

Prime Numbers

5a. What is the sum of the next two prime numbers in the following sequence?

17, 19, 23, 29, __, __



VF

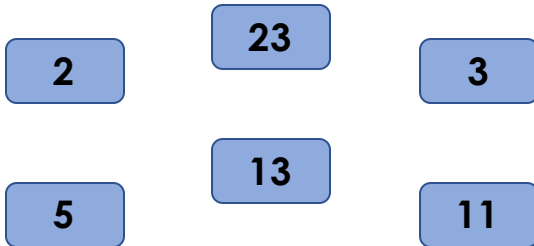
5b. What is the sum of the next two prime numbers in the following sequence?

43, 47, 53, 59, __, __



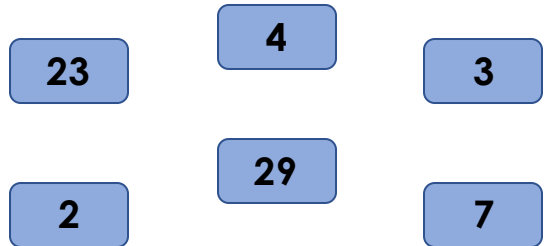
VF

6a. Which of the following numbers are not prime factors of 39?



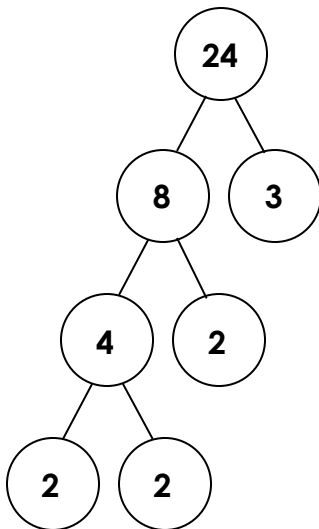
VF

6b. Which of the following numbers are not prime factors of 46?



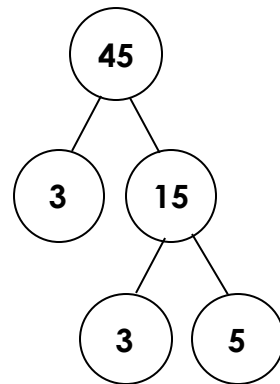
VF

7a. Colour all the prime factors in the factor tree.



VF

7b. Colour all the prime factors in the factor tree.



VF

8a. True or false?

The only prime factors of 35 are 7 and 5.



VF

8b. True or false?

The only prime factors of 48 are 2 and 4.



VF

Prime Numbers

9a. What is the sum of the next three prime numbers in the following sequence?

67, 71, 73, __, __, __,



VF

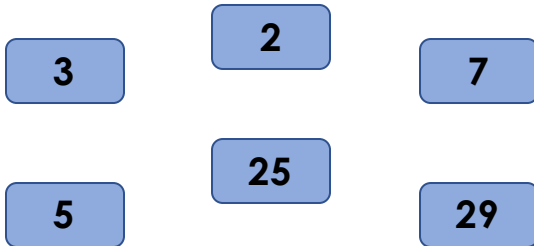
9b. What is the sum of the next three prime numbers in the following sequence?

31, 37, 41, __, __, __,



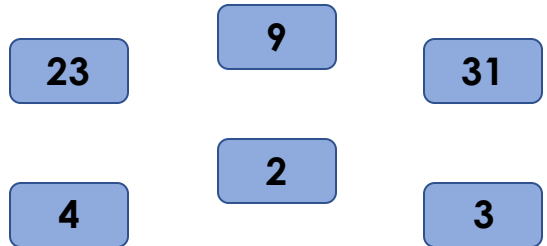
VF

10a. Which of the following numbers are not prime factors of 85?



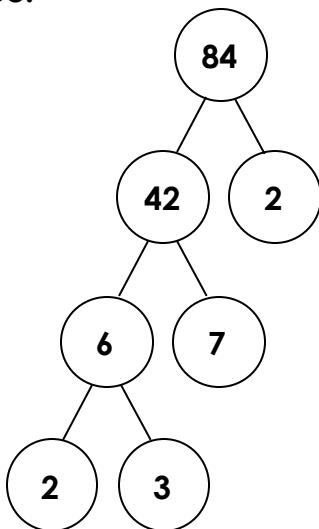
VF

10b. Which of the following numbers are not prime factors of 92?



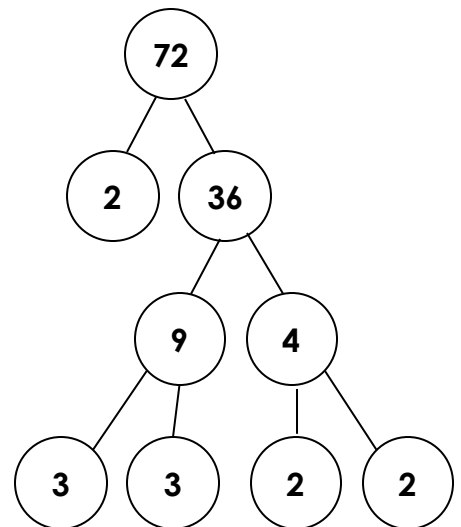
VF

11a. Colour all the prime factors in the factor tree.



VF

11b. Colour all the prime factors in the factor tree.



VF

12a. True or false?

The only prime factors of 100 are 2 and 5.



VF

12b. True or false?

The only prime factors of 66 are 3 and 11.



VF