

Grade 3 Times Tables Assessment

Learning objective: To assess students' understanding and application of times tables up to 12 x 12.

Answer all questions. Show your working where applicable. Use the word bank for any terms you are unsure of. Total: /25

Word bank: times · table · product · multiply · equation · factor · square · cube

1. Write down the 7 times table up to 12 x 7. (2 marks)

2. Calculate: $9 \times 8 =$ ____ (2 marks)

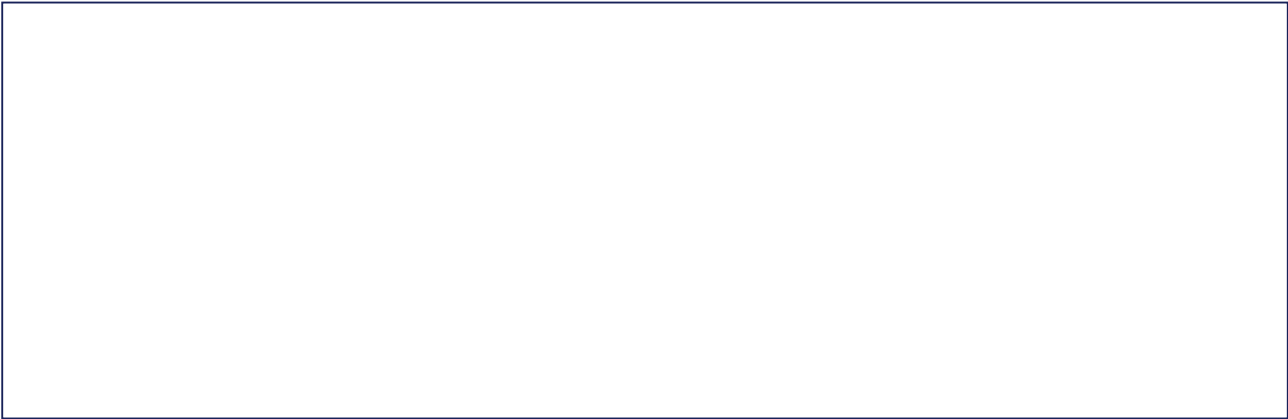
3. If a box of crayons contains 4 crayons and you have 6 boxes, how many crayons do you have in total? Use a multiplication sentence to show your working. (3 marks)

4. Find the missing number: $5 \times \underline{\quad} = 40$ (2 marks)

5. A farmer has 12 rows of apple trees. In each row, there are 11 trees. How many apple trees are there in total? Use a multiplication sentence to show your working and explain what the factors represent. (3 marks)

6. Explain why 12×12 is a special number in terms of multiplication. (Hint: Think about the square number and its factors.) (3 marks)

Draw: Draw a square grid with 12 x 12 cells and color in the squares to represent the 12 x 12 times table. Label the rows and columns with numbers.

A large empty square grid, intended for a 12x12 times table. The grid is currently blank, with no lines or numbers visible inside the main area.

Extension challenge: Total: /25