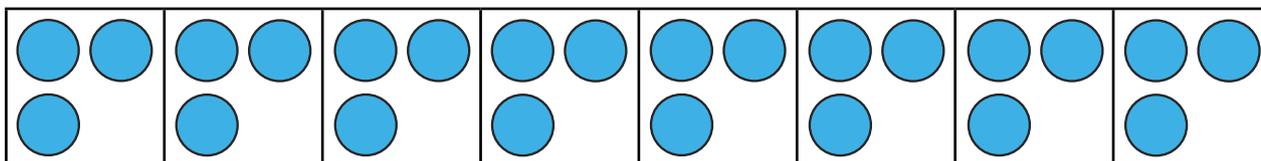**1)** Each picnic basket contains three sandwiches. How many sandwiches have been made?

Write your calculation in two different ways as shown.

	3 + 3 = 6	2 × 3 = 6

2) How many counters are there altogether? Write a calculation to show how you worked out the total.

3) Mr Charming's class are split into groups of 3 for their PE lesson. There are 9 groups in total. How many children are there in Mr Charming's class? Complete the bar model to show your answer.

1) Brad and Jen are working out the number of wheels on seven tricycles. Whose method will give the correct answer? Explain any errors.

Brad	Jen

?						
3	3	3	3	3	3	3

?						
7	7	7	7	7	7	7

_____

_____

2) There are two plates of cakes in the kitchen. Which calculations could show the total number of cherries on the cakes? Explain your reasons.

4 × 3 + 2 × 3	
3 + 3 + 3 + 3 + 2 + 2	
6 × 3	
15 + 6	

1) Marcel is investigating patterns in the multiples of three. He adds together the digits to find the digit sums.

12 ⟶ 1 + 2 = 3

15 ⟶ 1 + 5 = 6

18 ⟶ 1 + 8 = 9

If the digit sum has 2 digits, he adds the digits together again so that he has a 1-digit answer (for example, 99 ⟶ 9 + 9 = 18 ⟶ 1 + 8 = 9).

Continue Marcel's pattern. What do you notice?

Use what you have found to work out which of these numbers are multiples of three.

Explain how you know.

53	75	133	141
426	741	854	923