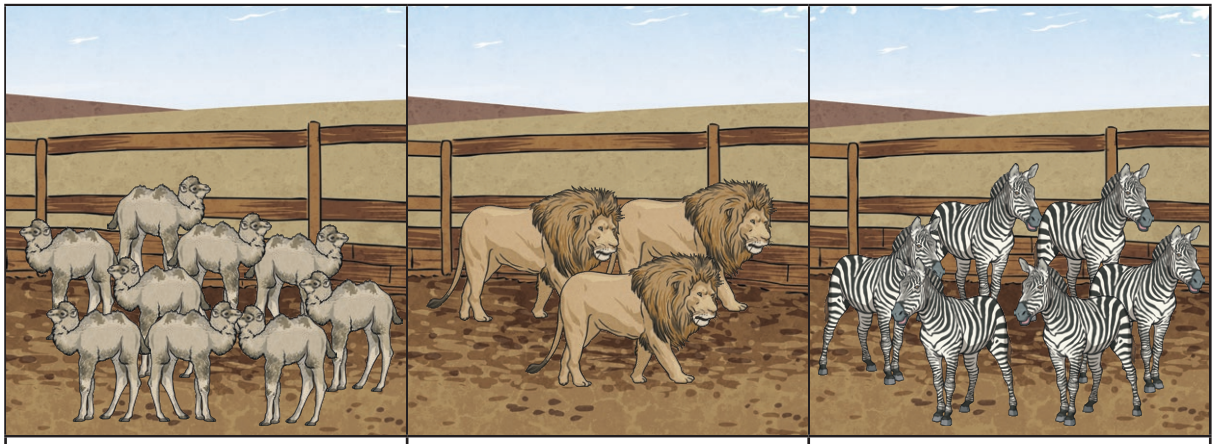
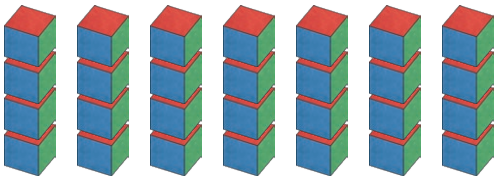
1) How many legs are there in each paddock? Write the calculation you used to find the total.



2) How many cubes are there altogether?
Complete the statement and write the calculation.



There are _____columns of _____ cubes.

_____ × _____ = _____

3) The tables in Miss Bell's classroom seat 4 children. Miss Bell needs eight tables for her class. How many children are in Miss Bell's class?

1) Tommy and Gina are working with two friends to build a model. Gina has worked out that they will need twenty cardboard tubes to complete their project. Tommy says, "If we each bring in four cardboard tubes, we will have enough." Gina disagrees. Who is correct? Explain your reasons.

2) For their model, Tommy and Gina plan to use four tubes joined together to make towers. Each cardboard tube is 12cm long. Which calculations could show the height of one tower?

	Yes/No	Explain why each calculation could or couldn't be used.
4×12		
$12 + 12 + 12 + 1 \times 4$		
$12 \times 2 \times 2 \times 2 \times 2$		
$10 \times 4 + 2 \times 4$		

1) Gina is investigating patterns in the multiples of four.

Half of 4 = 2

Half of 8 = 4

Half of 12 = 6

Continue Gina's pattern. What do you notice?

b) Use what you have found to work out which of these numbers are multiples of four. Explain how you know.

50	84	133	88
100	136	66	130

2) Lucie has two pieces of ribbon.

The blue ribbon is 4cm long. The orange ribbon is longer than the blue ribbon.
The orange ribbon's length is a multple of 4 that is less than 48cm.

If the two pieces where put together, what values could the total length be?

Can you work systematically to find every possibility?