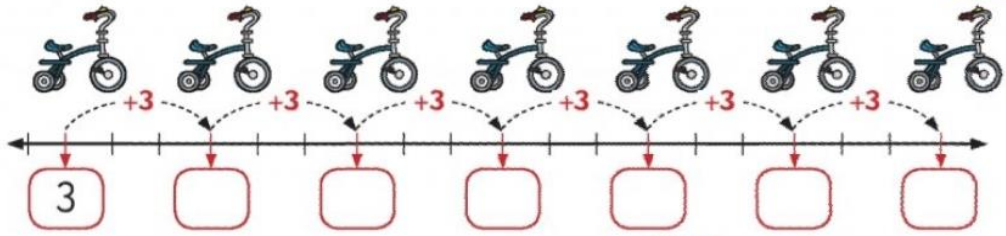
Pattern 2 – Count in 3s

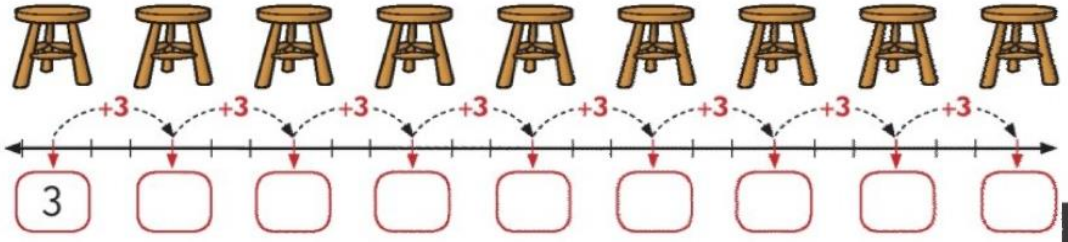
1. Help Iggy count the wheels on the tricycles. Count in **3s**. Write.



(a) How many wheels are there altogether? ☐

(b) 4 sets of 3 wheels = ☐ (c) 6 sets of 3 wheels = ☐

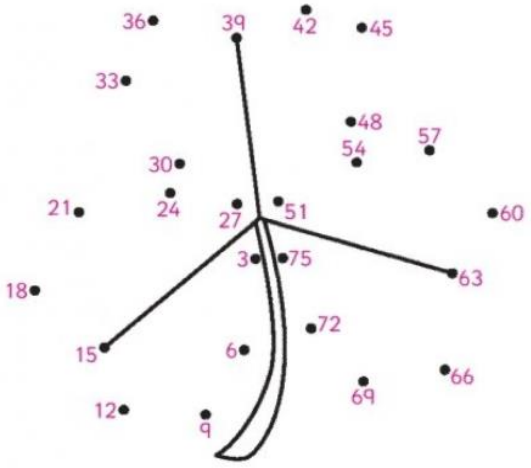
2. Count the legs on the stools. Count in **3s**. Write.



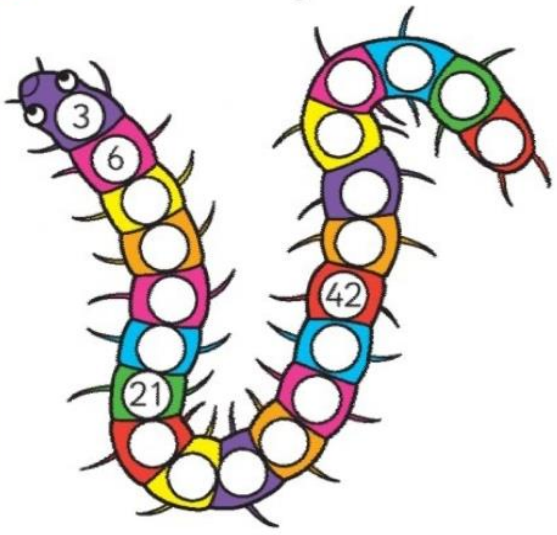
(a) How many legs are there altogether? ☐

(b) 5 sets of 3 legs = ☐ (c) 8 sets of 3 legs = ☐

3. Join the dots to make a picture. Start at 3. Count in **3s**.



4. Fill in the missing numbers.

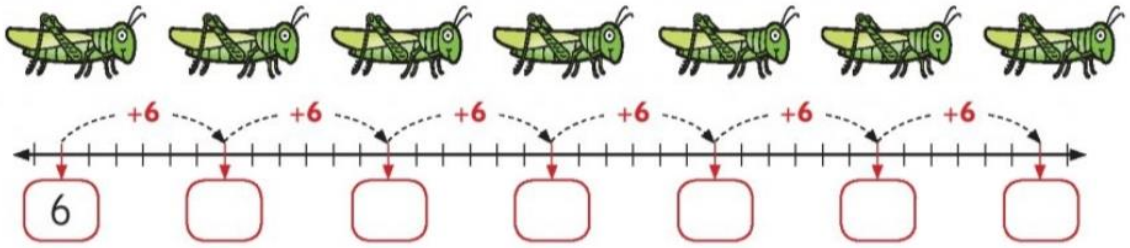


STRANDS **Algebra; Number** STRAND UNITS/ELEMENTS *Extending and using patterns; Operations – Addition*

LANGUAGE *Count, threes, wheels, tricycles, how many?, altogether, dots, start, missing numbers*

Pattern 2 – Count in 6s

1. Help Ziggy count the legs that are on the grasshoppers. Count in **6s**. Write.



(a) How many legs are there altogether? ☐

(b) 4 sets of 6 legs = ☐ (c) 6 sets of 6 legs = ☐

2. Count the eggs in **6s**. Write.

____ + 6 + ____ + ____ + ____ = ☐

(a) How many eggs are there altogether? ☐

(b) Claire needs 6 eggs to make a cake.
How many eggs does she need to make 7 cakes?

____ + ____ + ____ + ____ + ____ + ____ + ____ = ☐ eggs

3. (a) What is 6 more than 54? ☐ (b) What is 6 less than 30? ☐

(c) Add 6 to 36. ☐ (d) Subtract 6 from 60. ☐

(e) Count in **6s**. Circle any of these numbers that you say:

(6) 12 20 24 30 36 40 42 46 48

Challenge

Eoin needs 6 eggs to bake a cake.
How many cakes can he bake with 36 eggs? ☐ cakes

Pattern 3 – Group counting

1. How many ears on:

(a) 1 monkey? ☐ (b) 3 monkeys? ☐

(c) 2 monkeys? ☐ (d) 5 monkeys? ☐

(e) 6 monkeys? ☐ (f) 4 monkeys? ☐

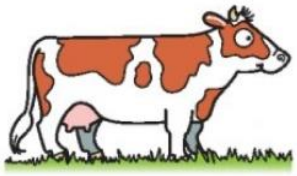
2. How many circles in:

(a) 1 set of lights? ☐ (b) 2 sets of lights? ☐

(c) 3 sets of lights? ☐ (d) 5 sets of lights? ☐

(e) 7 sets of lights? ☐ (f) 6 sets of lights? ☐

3. How many legs have:



(a) 2 cows? ☐ (b) 5 cows? ☐

(c) 4 cows? ☐ (d) 7 cows? ☐

(e) 6 cows? ☐ (f) 10 cows? ☐

4. How much? Count in **5s**.

(a)  ☐c

(b)  ☐c

(c)  ☐c

5. Each guitar has 6 strings. How many strings have:

(a) 2 guitars? ☐ (b) 4 guitars? ☐

(c) 5 guitars? ☐ (d) 6 guitars? ☐

(e) 9 guitars? ☐ (f) 10 guitars? ☐

6. How many bowling pins in:

(a) 1 set? ☐ (b) 5 sets? ☐

(c) 7 sets? ☐ (d) 10 sets? ☐

(e) 9 sets? ☐ (f) 8 sets? ☐

Pattern 3 – Number pattern A

1. Fill in the missing numbers. Use your **hundred square** to help you.

(a) 8, 10, 12, 14, ☐, ☐, ☐, ☐, ☐, ☐, ☐.

(b) What is the rule? I add two.

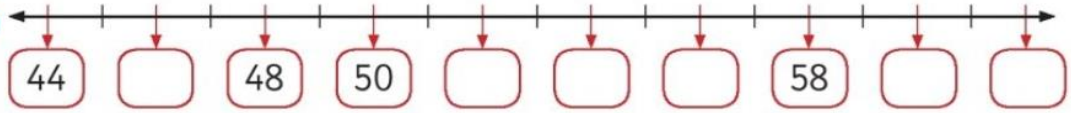
(c) If you continue this pattern, what will the 12th number be? ☐

2. (a) 36, 32, ☐, ☐, 20, ☐, ☐, ☐, ☐, ☐.

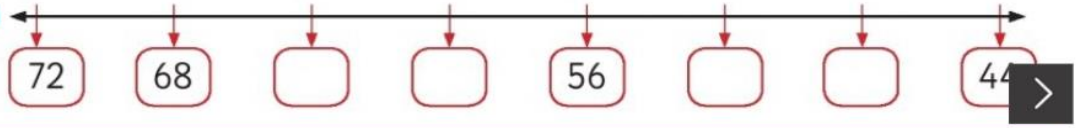
(b) What is the rule? _____

3. Fill in the missing numbers.

(a)



(b)



4. What is the rule for each grid below? Fill in the blanks.

(a)

+2	
4	6
14	
24	
34	
44	

(b)

+	
5	9
15	
25	
	39
	49

(c)

−	
27	
37	
47	43
57	
	63

Challenge

Eoin hung out 2 shirts on the line on Monday, 4 shirts on Tuesday and 6 shirts on Wednesday. If this pattern is to be continued, how many shirts will he hang out on Friday? ☐ shirts