

Worksheet B

Tests of Divisibility

Level 1 Level 2 Level 3

If you are not sure, you can refer to Student's Book pages 43 and 44.



- I Circle all the numbers that are divisible by 2.
 Draw a square over all the numbers that are divisible by 5.
 Draw a triangle over all the numbers that are divisible 10.

101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130

Activity Book p.36



a Which numbers are divisible by 2, 5 and 10? _____

b Is 151 divisible by 2, 5 or 10? Explain how you know.

Activity Book p.36

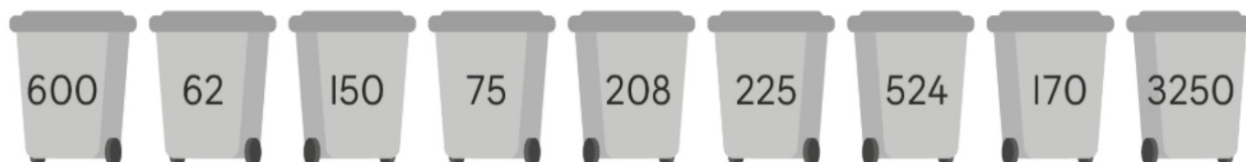
- 2 Caz and Ron want to divide their game cards into equal groups.
Write the numbers of equal groups they can divide their cards into.

	Number of game cards	Divisible by
Caz	75	
Ron	100	

Which numbers are 75 and 100 both divisible by? _____

Level 1 **Level 2** Level 3

3 Look at the numbers.



- a Which numbers have a factor of 25? _____
- b Which numbers are divisible by both 10 and 50? _____
- c Which numbers are divisible by 2 but not 10? _____

Activity Book p.37

4 A 3-digit number is divisible by 5 but not 10.

a Is it also divisible by 2? Explain.

b Is it also divisible by 25? Give an example.

Activity Book p.37

5 a



Sha

If we add five numbers that are one more each time, the sum will always be a multiple of 5.

Do you agree with Sha's conjecture?
Give an example.
