

Activity Book p.36

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 by 10.

I01	I02	I03	I04	I05	I06	I07	I08	I09	I10
III	II2	II3	II4	II5	II6	II7	II8	II9	I20
I21	I22	I23	I24	I25	I26	I27	I28	I29	I30

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-  a Which numbers are divisible by 2, 5 and 10? _____
- b Is $|5|$ divisible by 2, 5 or 10? Explain how you know.

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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	1, 3, 5, 15, 25, 75
Ron	100	1, 2, 4, 5, 10, 20, 25, 50, 100

Which numbers are 75 and 100 both divisible by? _____

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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? _____

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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.

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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.
