

I am odd, you are even

CAPS Statement

Numbers, operations & relationships

Represent odd and even numbers to at least 1 000.

Note

Odd numbers are numbers that end with 1, 3, 5, 7 or 9.

Even numbers are integers that can be divided exactly by 2: 0, 2, 4, 6 or 8.

Numbers can be represented in many ways. For example, 152 can be represented using:

- a model, such as blocks:



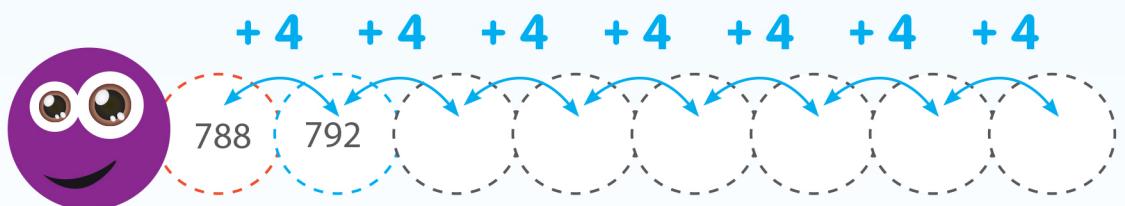
- numerals: 152
- numerals in expanded form: $100 + 50 + 2$
- numerals and words: 1 hundred 5 tens 2 ones
- a number word: one hundred and fifty-two
- Roman numerals:

$L = 1, V = 5, X = 10, L = 50, C = 100, D = 500, M = 1000$

Activity 1

Help Lerato complete the patterns. Colour in all the odd numbers blue and all the even numbers red.

a



b

987 989

A sequence of 10 circles. The first two are labeled 987 and 989. The remaining 8 circles are empty for a student to write the next numbers in the sequence.

c

200 204 212

A sequence of 10 circles. The first three are labeled 200, 204, and 212. The remaining 7 circles are empty for a student to write the next numbers in the sequence.

d

501 511 521 526

A sequence of 10 circles. The first four are labeled 501, 511, 521, and 526. The remaining 6 circles are empty for a student to write the next numbers in the sequence.

e

321 314 307 300

A sequence of 10 circles. The first four are labeled 321, 314, 307, and 300. The remaining 6 circles are empty for a student to write the next numbers in the sequence.

f

637 631

A sequence of 10 circles. The first two are labeled 637 and 631. The remaining 8 circles are empty for a student to write the next numbers in the sequence.

g

434 443

A sequence of 10 circles. The first two are labeled 434 and 443. The remaining 8 circles are empty for a student to write the next numbers in the sequence.

Teacher Tip

Create a class discussion on what causes a pattern to alternate odd and even numbers or to follow an even number pattern or odd number pattern. It depends on the amount that the pattern goes up or down by.

