

Expanded Numbers example

a Write $5 \times 10\,000 + 7 \times 1000 + 9 \times 100 + 4$ in simplest form.

b Write 3908 in expanded form.

a $5 \times 10\,000 + 7 \times 1000 + 9 \times 100 + 4 = 57\,904$

b $3908 = 3 \times 1000 + 9 \times 100 + 8$

WALT: Write numbers in the simplest form and in an expanded form

Success Criteria: I know...

- the place value of each number
- how to expand a big number, showing its place
- how to write an expanded number in the simplest form

Write in simplest form

6 Write the following in simplest form:

a $4 \times 10 + 9$

b $7 \times 100 + 4$

c $3 \times 100 + 8 \times 10 + 6$

d $2 \times 1000 + 6 \times 100 + 3 \times 10 + 4$

e $6 \times 10\,000 + 5 \times 100 + 8 \times 10 + 3$

f $9 \times 10\,000 + 3 \times 1000 + 8$

g $3 \times 100 + 4 \times 10\,000 + 7 \times 10 + 6 \times 1000 + 5$

h $2 \times 10 + 9 \times 100\,000 + 8 \times 1000 + 3$

i $2 \times 100\,000 + 3 \times 100 + 7 \times 10\,000 + 8$

Write in expanded form

7 Write in expanded form:

a 486

b 340

c 2438

d 4083

e 24 569

f 39 804

g 400 308

h 254 372

Example

Write “two thousand seven hundred and four” in numeral form.

2704

Write the numeral 36 098 in words.

thirty six thousand and ninety eight

WALT: Write numbers in both numeral and word form

Success Criteria: I understand place value, and can write expanded numbers in numeral form

8 Write the following in numeral form:

a thirty six

c thirty

e nine hundred

g five hundred and twenty

i six thousand and fourteen

k fourteen thousand and four

b seventy

d eighteen

f nine thousand

h five hundred and two

j six thousand four hundred and forty

l forty thousand and forty

m fifteen thousand eight hundred and sixty nine

n ninety five thousand three hundred and eleven

o seven hundred and eight thousand one hundred and ninety eight.

Extra work for early finishers - go to the next page! 😊

9 Write the following numbers in words:

a 66

b 660

c 715

d 888

e 4389

f 6010

g 90 000

h 38 700

i 15 040

j 44 444

k 408 804

l 246 357

m 50 500

n 505 000

o 500 500

p 50 050

10 Write the following operations and their answers in numerical form:

a four more than forty

b six greater than eleven

c three less than two hundred

d eight fewer than eighty

e eighteen fewer than six thousand

f three thousand reduced by two hundred

g an additional fifty to eleven thousand

h 38 more than five hundred and nine thousand