BritishEd

Name _____

Date _____

Place Value Quest

Place Value to 1,000

Year 3 · Maths · Place value to 1,000 · Developing

○ Start ○ Build ○ Think ○ Challenge ○ Achieve

Today

Read, write and partition numbers up to 1,000.

Start Mission 1 · Quick-fire

Answer the place-value question.

1. How many hundreds are in 346?

2. How many tens are in 582?

3. How many ones are in 917?

4. How many hundreds are in 250?

5. How many tens are in 403?

6. How many hundreds are in 760?

Build Mission 2 · Write the number

Write the number in figures.

1. four hundred and twenty-six

2. three hundred and five

3. nine hundred and eighty

4. one hundred and twelve

5. six hundred and forty

6. two hundred and seven

7. eight hundred and fifty-three

8. five hundred and nineteen

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Think Mission 3 · Number detective

Partition the number, or choose the larger number.

1. 462

Hundreds Tens Ones

☐ ☐ ☐

= ☐ + ☐ + ☐

2. 705

Hundreds Tens Ones

☐ ☐ ☐

= ☐ + ☐ + ☐

3. Which is larger, 609 or 690? Circle it.

609 690

4. Write 1,000 in words.

_____

_____

Challenge Mission 4 · Unlock the number

Use the digits 4, 1 and 7 once each.

Digits

4 1 7

1. The largest 3-digit number

☐ ☐ ☐

2. The smallest 3-digit number

☐ ☐ ☐

☆ ☆ ☆ **Mission complete**

☐ I can read, write and partition numbers to 1,000.

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Answers for parents

Place Value to 1,000

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Fold this page back while your child works.

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Learning objectives

- Recognise the value of a digit in a three-digit number
- Read and write numbers up to 1,000
- Partition a three-digit number into hundreds, tens and ones

Mission 1 · Start

1. Hundreds in 346 — 3
2. Tens in 582 — 8
3. Ones in 917 — 7
4. Hundreds in 250 — 2
5. Tens in 403 — 0
6. Hundreds in 760 — 7

Mission 2 · Build

1. four hundred and twenty-six — 426
2. three hundred and five — 305
3. nine hundred and eighty — 980
4. one hundred and twelve — 112
5. six hundred and forty — 640
6. two hundred and seven — 207
7. eight hundred and fifty-three — 853
8. five hundred and nineteen — 519

Mission 3 · Think

1. 462 = 400 + 60 + 2 (digits 4, 6, 2)
2. 705 = 700 + 0 + 5 (digits 7, 0, 5)
3. 690 is larger than 609
4. one thousand

Mission 4 · Challenge

1. Largest — 741
2. Smallest — 147

Worked example — not one of the questions

348 has 3 hundreds, 4 tens and 8 ones.
348 = 300 + 40 + 8

Teaching tip

A zero still needs a digit. 403 has 0 tens. 705 is 700 + 0 + 5, not 700 + 5.

Ask your child

Which digit changes 609 into 690?

What to listen for

- In 403, the 0 means there are no tens.
- 690 is larger than 609 because 9 tens is more than 0 tens.
- 741 puts the digits in order from largest to smallest. 147 reverses that order.
- The three stars are for Quick-fire, Write the number, and the detective work. Tick the box together if your child can partition 705, including the zero.