

## Answers Y4 place value – further practice: rounding to the nearest 10, 100 and 1000

|         | rounded to<br>nearest 10 | rounded to<br>nearest 100 | rounded to<br>nearest 1000 |
|---------|--------------------------|---------------------------|----------------------------|
| 1. 6384 | 6380                     | 6400                      | 6000                       |
| 2. 7729 | 7730                     | 7700                      | 8000                       |
| 3. 3456 | 3460                     | 3500                      | 3000                       |
| 4. 8062 | 8060                     | 8100                      | 8000                       |
| 5. 5555 | 5560                     | 5600                      | 6000                       |

### Challenge 1:

#### Always, Sometimes, Never

Explain your reasons for each statement.

- A number with a five in the tens column rounds up to the nearest hundred.
- A number with a five in the ones column rounds up to the nearest hundred.
- A number with a five in the hundreds column rounds up to the nearest hundred.

Always – a number with five in the tens column will be 50 or above so will always round up.

Sometimes – a number with five in the ones column might have 0 to 4 in the tens column (do not round up) or 5 to 9 (round up).

Sometimes – a number with five in the hundreds column will also round up or down dependent on the number in the tens column.

### Challenge 2:

When I round my number to the nearest 10, 100 and 1000, I get the same answer of 7000.

What could my number be?

Can you find all possibilities?

My number could be anything between and including 6995 and 7004.