

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

Rounding to the nearest 10:

If the ones are 5 or greater, round up to the next 10.

Otherwise, round down. $367\textcolor{blue}{6} \rightarrow 3680$, $367\textcolor{blue}{4} \rightarrow 3670$

Rounding to the nearest 100:

If the tens are 5 or greater, round up to the next 100.

Otherwise, round down. $45\textcolor{blue}{8}2 \rightarrow 4600$, $45\textcolor{blue}{3}2 \rightarrow 4500$

Rounding to the nearest 1000:

If the hundreds are 5 or greater, round up to the next 1000.

Otherwise, round down. $2\textcolor{blue}{5}13 \rightarrow 3000$, $2\textcolor{blue}{0}13 \rightarrow 2000$

rounded to
nearest 10

rounded to
nearest 100

rounded to
nearest 1000

1. 6384

2. 7729

3. 3456

4. 8062

5. 5555

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.

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?