

Place Value (Part 4)

Digit values

Forgotten numbers

- 1) My bike is locked. My combination includes the digits 526. It is the smallest even number. What is my combination?

- 2) My suitcase is locked and I need to get my clothes packed for holiday. My combination includes the digits 892. It is the largest odd number. What is my combination?

- 3) My gate is locked. I know the number begins with a 3 and then includes the digits 519. It is the largest number. What is my combination?

Rounding to the nearest 10 and 100

Activity 1

Match up the first column to the last column by deciding how it has been rounded.

| | | |
|------|--------------|--------|
| 39 | nearest 1000 | 3400 |
| 65 | nearest 10 | 70 |
| 74 | nearest 100 | 100 |
| 145 | nearest 10 | 700 |
| 736 | nearest 10 | 40 |
| 1902 | nearest 100 | 1900 |
| 3419 | nearest 100 | 10 000 |
| 9567 | nearest 100 | 150 |

Activity 2

Solve the word problem using your rounding knowledge. Be careful as most of them have more than one step before getting to the answer!

- a) A supermarket sells 187 cartons of yoghurt a week. How many cartons is this to the nearest 10 and nearest 100?

nearest 10 _____

nearest 100 _____

- b) A shop has 2349 tins of tomatoes in stock. It sells 782 in a week. To the nearest 10, how many will be left?

- c) An office receives about 35 letters per day. To the nearest 10, how many letters does it receive in a working week (5 days)?

- d) A swimming pool gets about 120 swimmers between Monday and Friday and about 350 swimmers over the weekend. To the nearest 100, how many swimmers does the pool get over the whole week?

- e) A lorry driver travels about 370 miles a day for 6 days per week. To the nearest 100, how many miles does the driver travel each week?
