

Max's Magnificent Rounding Mountain

Learning objective: To round any number to the nearest 10, 100, or 1000.

Help Max the monkey climb the mountain! When rounding to the nearest 10, look at the digit in the ones column. If it is 1, 2, 3, or 4, round down to the lower ten. If it is 5, 6, 7, 8, or 9, round up to the next ten. Use this same logic for hundreds and thousands by looking at the digit to the right.

Max the monkey is organising his fruit shop. He has 43 bananas, 187 apples, and 1,245 oranges. To make his stocktaking easier, Max likes to round his numbers. He says: 'Rounding helps me make quick estimates when I am busy serving my forest friends!'

Word bank: Rounding · Estimate · Nearest · Place value · Digit · Interval · Approximate

1. Max has 43 bananas. Round this number to the nearest 10. (2 marks)

2. There are 187 apples in the shop. Round this number to the nearest 100. (2 marks)

3. The price of a large fruit basket is £1,245. Round this price to the nearest £100. (2 marks)

4. Explain why the number 5 is special when we are rounding. (2 marks)

5. If Max rounds a number to the nearest 10 and gets 70, what could the original number have been? Give two possibilities. (2 marks)

Draw: Draw a number line from 0 to 100. Place a monkey icon at the number 64 and draw an arrow showing which 'ten' he should round to.



Extension challenge: Max has 4,555 coconuts. If he rounds to the nearest 10, the nearest 100, and the nearest 1000, which three numbers does he get? Is there a pattern?