



# Problem solving tasks

## NA2 Factor trees

Student Book page 35

### Factor trees for 60:

There may be several ways to complete a factor tree for a certain number. Page 34 in the Student Book shows four ways to draw factor trees for 36. Notice that the prime factors are always the same but may be in a different order. Draw five different factor trees for 60 without reversing the first factors.

60

60

60

60

60

Mark or highlight the strategy or strategies you used to solve this problem.

1	Guess and check	6	Check for relevant or irrelevant information
2	Make a table or chart	7	Find smaller parts of a large problem
3	Draw a picture or diagram	8	Make an organised list
4	Act out the problem	9	Solve a simpler problem
5	Find a pattern or use a rule	10	Work backwards



# NA16 Place value to thousandths

## Know

**a** Which digit is in the **thousandths** place?

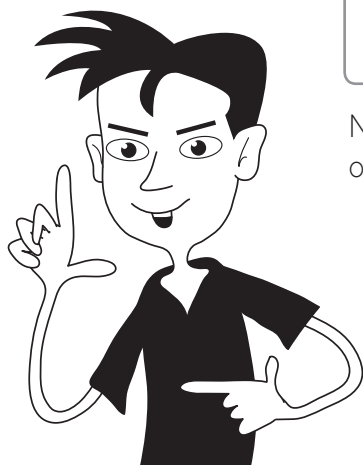
34.895

**b** Which digit is in the **tenths** place?

6.073

**c** Which digit is in the **hundredths** place?

584.296



Name the place value of the numbers in **bold**.

**d** 97.**5**61

**e** 425.00**7**

## Apply

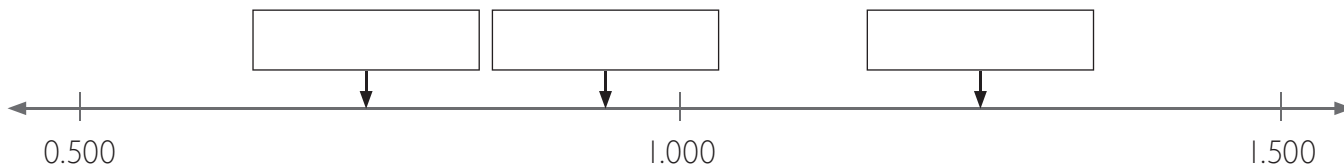
Write each set of numbers from smallest to largest.

**f** 4.003      4.33      4.303      4.3      4.044

**g** 7.625      5.627      5.72      7.25      5.7

Place the following numbers on the number line.

**h** 1.25    **i** 0.725    **j** 0.925



Date

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Know

+

Apply

=

Total