

## Extra challenge

Arrange all the digits to make a 4-digit number with 2-decimal places that meets the given criteria.

1. Between 23 and 25:

**6, 9, 4, 2**

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T      O      .      t      h

2. Between 29 and 31:

**1, 0, 3, 5**

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T      O      .      t      h

3. Between 52 and 54:

**3, 7, 5, 8**

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T      O      .      t      h

4. Between 15 and 17:

**2, 6, 1, 3**

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T      O      .      t      h

5. Between 97 and 99:

**8, 0, 4, 9**

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T      O      .      t      h

6. Between 61 and 63:

**5, 3, 6, 2**

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T      O      .      t      h

7. Between 43 and 45:

**7, 4, 5, 4**

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T      O      .      t      h

8. Between 71 and 73:

**2, 7, 7, 4**

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T      O      .      t      h

9. Between 81 and 83:

**9, 8, 2, 8**

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T      O      .      t      h

10. How many 4-digit numbers with 2-decimal places can you make using the following digits: **7, 5, 0, 3**

11. Arrange the following digits to make the largest 4-digit number with 2-decimal places possible: **3, 2, 8, 1**

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T      O      .      t      h

12. Use the same digits to make the smallest 4-digit number with 2-decimal places.

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T      O      .      t      h

*You need to prove each of your working out on a number line.*