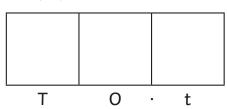
Decimal Place Value Challenge

Arrange all the digits to make a decimal number that meets the given criteria.

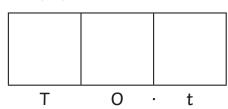
1. Between 23 and 25:

4, 2, 7



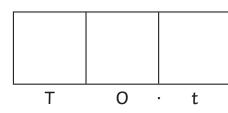
2. Between 35 and 37:

9, 6, 3



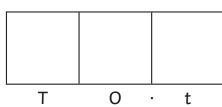
3. Between 19 and 21:

8, 0, 2



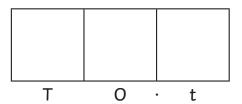
4. Between 63 and 65:

4, 6, 3



5. Between 80 and 82:

5, 1, 8



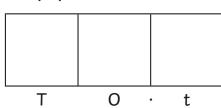
6. Between 25 and 27:

6, 2, 2



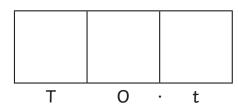
7. Between 12 and 14:

9, 1, 3



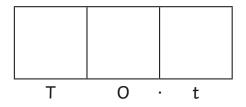
8. Between 86 and 88:

8, 1, 7



9. Between 44 and 46:

6, 4, 5

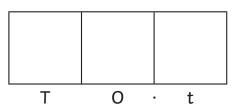


10. Arrange the following digits to make the largest decimal number possible:

5, 3, 8

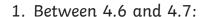


11. Use the same digits to make the smallest decimal number.



Decimal Place Value Challenge

Arrange all the digits to make a 3-digit number with 2-decimal places that meets the given criteria.

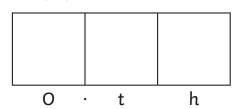


7, 4, 6



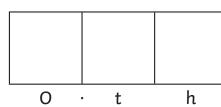
2. Between 3.8 and 4:

2, 3, 9



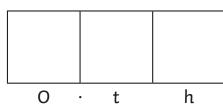
3. Between 8.9 and 9.1:

0, 3, 9

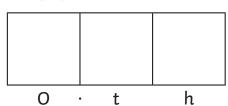


4. Between 7.3 and 7.5:

4, 7, 5



1, 3, 6



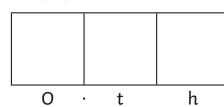
6. Between 1.7 and 1.9:

8, 1, 9



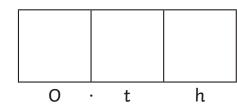
7. Between 8.6 and 8.8:

7, 8, 4

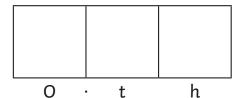


8. Between 2.3 and 2.5:

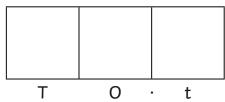
6, 2, 4



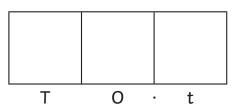
8, 0, 5



10. Arrange the following digits to make the largest possible 3-digit number with 2-decimal places: 7, 4, 8



11. Use the same digits to make the smallest 3-digit number with 2-decimal places.

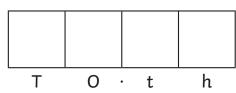


Decimal Place Value Challenge

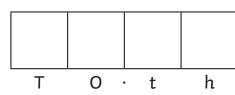
Arrange all the digits to make a 4-digit number with 2-decimal places that meets the given criteria.

1. Between 23 and 25:

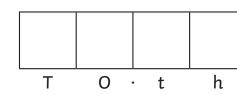




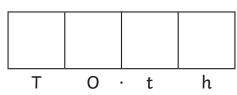
2. Between 29 and 31:



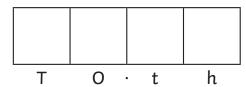
3. Between 52 and 54:



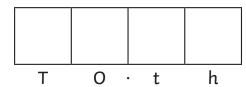
4. Between 15 and 17:



5. Between 97 and 99:



6. Between 61 and 63:



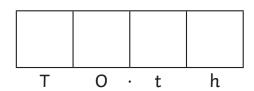
7. Between 43 and 45:



8. Between 71 and 73:

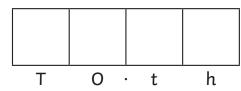


9. Between 81 and 83:

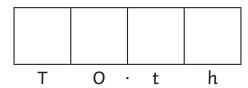


10. How many 4-digit numbers with 2-decimal places can you make using the following digits: **7, 5, 0, 3**

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



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



Decimal Place Value Challenge Answers

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- 1. 24.7
- 2. 36.9
- 3. 20.8
- 4. 64.3
- 5. 81.5
- 6. 26.2
- 7. 13.9
- 8. 87.1
- 9. 45.6
- 10. 85.3
- 11. 35.8

$\star\star$

- 1. 4.67
- 2. 3.92
- 3. 9.03
- 4. 7.45
- 5. 6.31
- 6. 1.89
- 7. 8.74
- 8. 2.46
- 9. 5.08
- 10. 8.74
- 11. 4.78

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- 1. 24.69, 24.96
- 2. 30.15, 30.51
- 3. 53.78, 53.87
- 4. 16.23, 16.32
- 5. 98.04, 98.40
- 6. 62.35, 62.53
- 7. 44.57, 44.75
- 8. 72.74, 72.47
- 9. 82.89, 82.98
- 10. 75.30, 75.03, 57.30, 57.03, 73.05, 73.50, 53.07, 53.70, 70.05, 70.50, 50.37, 50.73, 30.75, 30.57, 35.07, 35.70, 37.05, 37.50
- 11. 83.21
- 12. 12.38

