Place value and ordering numbers

Name: _____ Date: _____



Mr Boston says: A longer decimal is **not** always bigger: 0.65 is smaller than 0.7.

A. Value of digits

1 What is the value of the underlined digit in 33<u>9</u>584?

Answer: _____

2 What is the value of the underlined digit in 728<u>0</u>71?

Answer: _____

3 What is the value of the underlined digit in 4<u>9</u>8901?

Answer: _____

4 What is the value of the underlined digit in 8544<u>5</u>9?

Answer: _____

B. Multiply and divide by 10, 100 and 1,000

5 73.26 × 1,000 =

Answer: _____

6 59.05 ÷ 1,000 =

Answer: _____

7 32.83 ÷ 1,000 =

Answer: _____

8 87.18 × 1,000 =

Answer: _____

C. Ordering and writing numbers

9 Put in order, smallest first: 9.68, 7.1, 0.016, 4.18, 0.573

Answer: _____

10 Write 4,060,300 in words.

Answer: _____

11 Write “two million, three hundred and five thousand” in figures.

Answer: _____

12 Which is bigger, 0.7 or 0.65? Explain how you know.

Answer: _____

Answers for grown-ups

Place value and ordering numbers

1. What is the value of the underlined digit in 33**9**584? → **9,000**
2. What is the value of the underlined digit in 72807**1**? → **70**
3. What is the value of the underlined digit in 4**9**8901? → **90,000**
4. What is the value of the underlined digit in 8544**5**9? → **50**
5. 73.26 × 1,000 = → **73,260**
6. 59.05 ÷ 1,000 = → **0.05905**
7. 32.83 ÷ 1,000 = → **0.03283**
8. 87.18 × 1,000 = → **87,180**
9. Put in order, smallest first: 9.68, 7.1, 0.016, 4.18, 0.573 → **0.016, 0.573, 4.18, 7.1, 9.68**
10. Write 4,060,300 in words. → **four million, sixty thousand, three hundred**
11. Write “two million, three hundred and five thousand” in figures. → **2,305,000**
12. Which is bigger, 0.7 or 0.65? Explain how you know. → **0.7 (0.70 > 0.65)**