ALBERT

Name _____ Date _____

Place Value Worksheet

Grade 4 · Common Core 4.NBT.A.1

> Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right. For example, recognize that 700 ÷ 70 = 10 by applying concepts of place value and division.

Practice

Builds the skill step by step.

1. In 4,700, what is the value of the digit 7?

2. How many tens are in 300?

3. The 6 in 600 is worth how many times as much as the 6 in 60?

   A. 1

   B. 6

   C. 10

   D. 100

4. What is 700 ÷ 70?

5. What is the value of the 3 in 35,218?

6. What number is 10 times as much as 450?

7. In 352, the 5 is worth 50. In which number is the 5 worth 10 times as much as that?

   A. 5,230

   B. 2,540

   C. 1,258

   D. 3,005

8. How many hundreds are in 2,000?

9. What is 40 × 10?

10. What is the value of the 9 in 690,000?

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On Level

Grade-level practice.

1. In 88,888, the 8 in the thousands place is worth how many times as much as the 8 in the hundreds place?

2. What is 8,000 ÷ 800?

3. How many tens are in 5,600?

4. Which statement about the number 4,444 is true?

   A. The 4 in the thousands place is worth 10 times as much as the 4 in the hundreds place.

   B. The 4 in the thousands place is worth 100 times as much as the 4 in the hundreds place.

   C. All four 4s are worth the same amount.

   D. The 4 in the ones place is worth 10 times as much as the 4 in the tens place.

5. The 7 in 27,000 is worth how many times as much as the 7 in 2,700?

6. What number is 10 times as much as 3,060?

7. 6,200 is 10 times as much as what number?

8. Maria says the 2 in 2,000 is worth 10 times as much as the 2 in 20. What is wrong with her statement?

   A. Nothing is wrong.

   B. The 2 in 2,000 is worth 1,000 times as much.

   C. Both digits are worth the same, because they are both 2.

   D. The 2 in 2,000 is worth 100 times as much, because 2,000 ÷ 20 = 100.

9. How many hundreds are in 45,000?

10. What is 90,000 ÷ 9,000?

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Challenge

Multi-step and word problems that stretch it.

1. The 3 in 300,000 is worth how many times as much as the 3 in 300?

2. One number has the digit 8 in the hundreds place. Another number has the digit 8 in the ten thousands place. The second 8 is worth how many times as much as the first 8?

3. Which is equal to 4,000?

   A. 4 hundreds

   B. 40 hundreds

   C. 40 tens

   D. 400 thousands

4. How many tens are in 63,000?

5. A pack holds 100 sheets of paper. A box holds 10 packs. A crate holds 10 boxes. How many sheets of paper are in 3 crates?

6. What is 50,000 ÷ 500?

7. Lena multiplied 720 by 10 and got 7,020. What is the correct product, and why?

   A. 720, because multiplying by 10 does not change the digits.

   B. 7,020, because you put a 0 in the tens place.

   C. 72,000, because you add two zeros.

   D. 7,200, because each digit moves one place to the left.

8. In 33,333, the 3 in the ten thousands place is worth how many times as much as the 3 in the tens place?

9. Find the missing number: ___ × 10 = 25,000.

10. A stack of ten $100 bills is worth how much? How many of these stacks make $50,000? Give the value of one stack first.