Name: _____ Date: _____

Fresh Math

Scientific Notation Word Problems - Medium

Solve each problem. Write your answer in scientific notation.

1. A country has about 8×10^9 people. A town has about 2×10^3 people. About how many times as many people live in the country?

2. A warehouse had 6.6×10^4 boxes. It shipped 4.3×10^4 boxes. How many boxes are left?

3. City A has 3.2×10^6 residents and City B has 2.4×10^6 residents. How many residents do they have in all?

4. City A has 6.2×10^9 residents and City B has 7.9×10^9 residents. How many residents do they have in all?

5. A warehouse had 6.7×10^3 boxes. It shipped 3.2×10^3 boxes. How many boxes are left?

6. A country has about 5×10^8 people. A town has about 1×10^4 people. About how many times as many people live in the country?

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Solve each problem. Write your answer in scientific notation.

7. City A has 8.9×10^6 residents and City B has 8.7×10^6 residents. How many residents do they have in all?

8. A country has about 2×10^8 people. A town has about 1×10^3 people. About how many times as many people live in the country?

9. A country has about 9×10^5 people. A town has about 3×10^2 people. About how many times as many people live in the country?

10. A warehouse had 6.8×10^7 boxes. It shipped 5.6×10^7 boxes. How many boxes are left?

11. A warehouse had 6.3×10^7 boxes. It shipped 1.9×10^7 boxes. How many boxes are left?

12. City A has 7.6×10^4 residents and City B has 4.1×10^4 residents. How many residents do they have in all?

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Solve each problem. Write your answer in scientific notation.

13. City A has 2.6×10^3 residents and City B has 5.1×10^3 residents. How many residents do they have in all?

14. City A has 2.6×10^5 residents and City B has 3.5×10^5 residents. How many residents do they have in all?

15. City A has 9.2×10^5 residents and City B has 1.4×10^5 residents. How many residents do they have in all?

16. A warehouse had 6.2×10^3 boxes. It shipped 2.1×10^3 boxes. How many boxes are left?

Scientific Notation Word Problems - Medium - Answer Key

1. A country has about 8×10^9 people. A town has about 2×10^3 people. About how many times as many people live in the country?

   4×10^6

2. A warehouse had 6.6×10^4 boxes. It shipped 4.3×10^4 boxes. How many boxes are left?

   2.3×10^4 boxes

3. City A has 3.2×10^6 residents and City B has 2.4×10^6 residents. How many residents do they have in all?

   5.6×10^6 residents

4. City A has 6.2×10^9 residents and City B has 7.9×10^9 residents. How many residents do they have in all?

   1.41×10^{10} residents

5. A warehouse had 6.7×10^3 boxes. It shipped 3.2×10^3 boxes. How many boxes are left?

   3.5×10^3 boxes

6. A country has about 5×10^8 people. A town has about 1×10^4 people. About how many times as many people live in the country?

   5×10^4

Scientific Notation Word Problems - Medium - Answer Key

7. City A has 8.9×10^6 residents and City B has 8.7×10^6 residents. How many residents do they have in all?

   1.76×10^7 residents

8. A country has about 2×10^8 people. A town has about 1×10^3 people. About how many times as many people live in the country?

   2×10^5

9. A country has about 9×10^5 people. A town has about 3×10^2 people. About how many times as many people live in the country?

   3×10^3

10. A warehouse had 6.8×10^7 boxes. It shipped 5.6×10^7 boxes. How many boxes are left?

    1.2×10^7 boxes

11. A warehouse had 6.3×10^7 boxes. It shipped 1.9×10^7 boxes. How many boxes are left?

    4.4×10^7 boxes

12. City A has 7.6×10^4 residents and City B has 4.1×10^4 residents. How many residents do they have in all?

    1.17×10^5 residents

Scientific Notation Word Problems - Medium - Answer Key

13. City A has 2.6×10^3 residents and City B has 5.1×10^3 residents. How many residents do they have in all?

    7.7×10^3 residents

14. City A has 2.6×10^5 residents and City B has 3.5×10^5 residents. How many residents do they have in all?

    6.1×10^5 residents

15. City A has 9.2×10^5 residents and City B has 1.4×10^5 residents. How many residents do they have in all?

    1.06×10^6 residents

16. A warehouse had 6.2×10^3 boxes. It shipped 2.1×10^3 boxes. How many boxes are left?

    4.1×10^3 boxes