



Year 6 Worksheet 1: Place Value and Number

Level: Beginner

1. Write the number that comes after 999,999.
2. What is the value of the 7 in 7,435,201?
3. Write 5,203,809 in words.
4. Partition 4,680,215 into millions, hundred thousands, ten thousands, thousands, hundreds, tens and ones.
5. Round 2,578,932 to the nearest 100,000.
6. Write $1,000,000 + 300,000 + 20,000 + 400 + 80 + 6$ as a number.
7. What is 10,000 more than 7,892,531?
8. Circle the smallest: 4,000,021 / 3,999,999 / 4,001,004.
9. Round 478,231 to the nearest 10,000.
10. What is the Roman numeral for 1,000?

[Use the space below to work out your answers. Show all your working.]



Year 6 Worksheet 1: Place Value and Number

Level: Intermediate

1. Round 6,548,127 to the nearest 1,000,000.
2. What is the digit in the hundred thousands place of 3,917,204?
3. Order from smallest to largest: 5,820,134 / 5,801,243 / 5,813,402.
4. Fill in the blank: $2,000,000 < \underline{\hspace{1cm}} < 3,000,000$
5. What is 100,000 less than 6,942,570?
6. Use place value to explain the value of the digit 9 in 9,382,004.
7. What is the difference between 4,000,000 and 3,842,190?
8. Write a 7-digit number with 3 in the hundred thousands place.
9. Use $<$, $>$ or $=$ to compare: 7,201,502 $\underline{\hspace{1cm}}$ 7,210,205
10. Which number rounds to 6,000,000 to the nearest million: 6,249,000 / 6,500,000 / 5,500,000?

[Use the space below to work out your answers. Show all your working.]



Year 6 Worksheet 1: Place Value and Number

Level: Difficult

1. Find all multiples of 100,000 between 3,400,000 and 4,000,000.
2. Create the largest possible number using digits 4, 1, 8, 7, 3, 2, 0.
3. Create the smallest possible 7-digit number using digits 3, 5, 0, 9, 1, 7, 4.
4. Estimate the sum of $3,291,428 + 4,987,209$ by rounding.
5. Solve: $8,000,000 - 3,254,678$
6. A stadium has 78,904 more seats this year than last year. If this year there are 1,005,403 seats, how many were there last year?
7. A company earned '4,200,530 last year and '3,899,000 this year. What's the difference?
8. Write a number that rounds to 5,000,000 to the nearest million and ends in 720.
9. Estimate and check: $7,124,998 + 3,229,101$
10. Complete: $4,320,000 = 4 \text{ millions} + \underline{\hspace{1cm}} \text{ hundred thousands} + \underline{\hspace{1cm}} \text{ ten thousands} + \underline{\hspace{1cm}} \text{ thousands}$

[Use the space below to work out your answers. Show all your working.]



Year 6 Worksheet 1: Place Value and Number

Level: Super Challenging

1. Write a 7-digit number that has 5 in the millions, 4 in the hundred thousands, and 9 in the units.
2. Explain why 5,000,000 rounded to the nearest million is the same as rounded to the nearest 100,000.
3. The population of Town A is 2,984,127. Town B has 815,732 more people. What's the total?
4. Create a place value puzzle where the answer is 6,200,000.
5. What number rounds to 7,000,000 to the nearest million, and to 6,950,000 to the nearest 10,000?
6. Estimate: $4,276,394 + 3,972,198$ by rounding to the nearest million.
7. Solve: A factory produced 9,482,035 products in one year. The following year, it made 1,237,891 fewer. How many the second year?
8. If 1,000,000 is shared between 5 towns, how many per town?
9. A plane flies 8,420,375 miles in a year. Estimate the total for 3 years.
10. Create a number line with intervals of 500,000 starting from 3,000,000 to 6,000,000.

[Use the space below to work out your answers. Show all your working.]