Year 4 · Number: Building Numbers to 10,000

Name: _____ Date: _____

Hi there! This sheet helps you read, write, compare and round whole numbers, and skip-count like a pro. Take your time and show your thinking.

Warm-up

1. Write the number that has 4 thousands, 6 hundreds, 2 tens and 5 ones.

2. In the number 3708, what is the value of the digit 7?

3. Count forwards in 5s from 30, writing the next four numbers.

4. Round 78 to the nearest ten.

Practice

5. Write these numbers in order from smallest to largest: 2450, 2405, 2540, 2045.

6. Round 6473 to the nearest hundred.

7. Round the tenths number 4.7 to the nearest whole number.

8. Count backwards in 25s from 200, writing the next four numbers.

9. At the Avondale market, Mele counts $3672 in the till. She rounds it to the nearest thousand to tell her manager. What number does she say?

10. A packet holds 50 stickers. Sione buys packets and counts in 50s: 50, 100, 150, … How many stickers does he have after 6 packets?

Challenge

11. Use the digits 5, 0, 8 and 3 once each. Make the largest possible 4-digit number and the smallest possible 4-digit number (it cannot start with 0). Then round each to the nearest hundred.

12. Aroha starts at 1985 and counts on in 1000s three times, then counts back in 100s twice. What number does she end on?

Answer key (for parents and tutors)

1. Write the number that has 4 thousands, 6 hundreds, 2 tens and 5 ones.
   4 thousands = 4000, 6 hundreds = 600, 2 tens = 20, 5 ones = 5. Add them: 4000 + 600 + 20 + 5 = 4625.

2. In the number 3708, what is the value of the digit 7?
   The 7 is in the hundreds position, so its value is 7 × 100 = 700.

3. Count forwards in 5s from 30, writing the next four numbers.
   Start at 30 and add 5 each time: 30 → 35 → 40 → 45 → 50. The four numbers are 35, 40, 45, 50.

4. Round 78 to the nearest ten.
   78 is between 70 and 80. The halfway point is 75. Since 78 is past 75, it is closer to 80. Rounded to the nearest ten, 78 = 80.

5. Write these numbers in order from smallest to largest: 2450, 2405, 2540, 2045.
   Compare the thousands (all 2), then hundreds, then tens. 2045 (0 hundreds), 2405 (4 hundreds), 2450 (4 hundreds 5 tens), 2540 (5 hundreds). Order: 2045, 2405, 2450, 2540.

6. Round 6473 to the nearest hundred.
   6473 is between 6400 and 6500. The halfway point is 6450. Since 6473 is past 6450, it rounds up to 6500.

7. Round the tenths number 4.7 to the nearest whole number.
   4.7 is between 4 and 5. The halfway point is 4.5. Since 4.7 is past 4.5, it rounds up to 5.

8. Count backwards in 25s from 200, writing the next four numbers.
   Start at 200 and subtract 25 each time: 200 → 175 → 150 → 125 → 100. The four numbers are 175, 150, 125, 100.

9. At the Avondale market, Mele counts $3672 in the till. She rounds it to the nearest thousand to tell her manager. What number does she say?
   3672 is between 3000 and 4000. The halfway point is 3500. Since 3672 is past 3500, it rounds up to 4000. Mele says about $4000.

10. A packet holds 50 stickers. Sione buys packets and counts in 50s: 50, 100, 150, … How many stickers does he have after 6 packets?
    Count in 50s six times: 50, 100, 150, 200, 250, 300. After 6 packets Sione has 300 stickers.

11. Use the digits 5, 0, 8 and 3 once each. Make the largest possible 4-digit number and the smallest possible 4-digit number (it cannot start with 0). Then round each to the nearest hundred.
    Largest: put biggest digits first → 8530. Smallest: 0 cannot go first, so start with 3, then smallest remaining → 3058. Rounding 8530 to the nearest hundred: it is between 8500 and 8600, halfway is 8550, and 8530 is below 8550, so it rounds to 8500. Rounding 3058 to the nearest hundred: it is between 3000 and 3100, halfway is 3050, and 3058 is past 3050, so it rounds to 3100.

12. Aroha starts at 1985 and counts on in 1000s three times, then counts back in 100s twice. What number does she end on?
    Count on in 1000s three times: 1985 → 2985 → 3985 → 4985. Then count back in 100s twice: 4985 → 4885 → 4785. Aroha ends on 4785.