

Rounding Mastery with Max the Monkey

Learning objective: To round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000.

Use these flashcards to test your knowledge of rounding. Max the Monkey has provided a challenge for each card to ensure you have truly mastered the skill.

What is 45,672 rounded to the nearest 10?

45,670. Max's Challenge: Explain why we round down in this instance.

Round 129,850 to the nearest 100.

129,900. Max's Challenge: Justify why the digit in the hundreds column increases.

Round 504,399 to the nearest 1,000.

504,000. Max's Challenge: What is the smallest whole number that rounds to 504,000 when rounding to the nearest 1,000?

Round 875,000 to the nearest 10,000.

880,000. Max's Challenge: Compare and contrast rounding to the nearest 10,000 versus the nearest 1,000.

Round £456.78 to the nearest pound (£).

£457. Max's Challenge: What might happen if a shopkeeper rounded all prices down instead of to the nearest pound?

Round 999,999 to the nearest 100,000.

1,000,000. Max's Challenge: Explain the effect this rounding has on the place value columns.

What is the midpoint between 30,000 and 40,000?

35,000. Max's Challenge: If a number is exactly the midpoint, do we round up or down? Justify your answer.

Round 23,499 to the nearest 100.

23,500. Max's Challenge: If we rounded this to the nearest 1,000, would the result be the same? Why?

Round 672,111 to the nearest 100,000.

700,000. Max's Challenge: Why does the digit in the hundred-thousands column change?

Round 5,555 to the nearest 10.

5,560. Max's Challenge: Create a number that rounds to 5,560 when rounded to the nearest 10, but 5,600 when rounded to the nearest 100.