

Name _____

Independent Practice

Round to the given place-value position.

4. 500,580; thousands

5. 290,152; hundred thousands

6. 218,457; hundred thousands

7. 37,890; hundreds

8. 95,010; thousands

9. 845,636; ten thousands

10. 336,001; hundred thousands

11. 709,385; hundred thousands

Tell the place-value position to which each number was rounded.

12. 456,750 \longrightarrow 460,000

13. 38,124 \longrightarrow 38,120

14. 18,334 \longrightarrow 18,000

15. 455,670 \longrightarrow 455,700

16. 980,065 \longrightarrow 980,070

17. 162,245 \longrightarrow 200,000



Problem Solving

A natural gas and fuel-friendly car was used to set a world record.

18. What is the distance in miles traveled to the nearest ten thousand?

19. Round the distance traveled in kilometers to the nearest thousand.

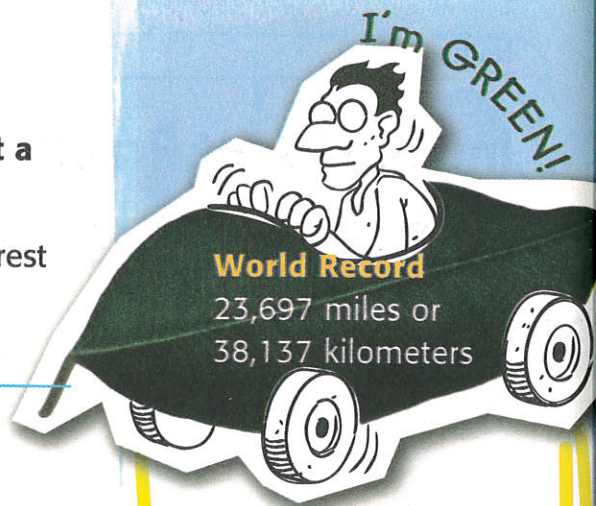
20. The largest house made out of playing cards used 91,800 cards. To the nearest thousand, how many cards were used?

21. **Mathematical PRACTICE 6** **Explain to a Friend** Earth's deepest point is the Mariana Trench in the Pacific Ocean. It is 35,840 feet below sea level. Is this about 36,000 feet below sea level? Explain.

HOT Problems

22. **Mathematical PRACTICE 3** **Find the Error** Andrew rounded the number 672,726 to the nearest hundred thousand. He wrote 672,000. Find and correct his mistake.

23. **? Building on the Essential Question** When is estimation an effective way to determine an answer?



My Work!