REVIEW: Rounding Whole Numbers

Name _____

Key Concept and Vocabulary

round up → Decision digit is 5, 6, 7, 8, or 9.

round down → Decision digit is 0, 1, 2, 3, or 4.

Rounding

Visual Model

To round to the *nearest ten,* replace the number with its nearest multiple of ten.

$$43$$

40   45   50

43 is closer to 40 than to 50. So, 43 rounds to 40.

Skill Examples

1. To the *nearest ten:*

   115 rounds to 120.

2. To the *nearest hundred:*

   319 rounds to 300.

3. To the *nearest hundred:*

   550 rounds to 600.

Application Example

4. A bus travels 228 miles from New York, NY, to Washington, D.C. To the nearest ten, about how many miles does the bus travel?

   To the *nearest ten:* 228 rounds to 230.

   ∴ The bus travels about 230 miles.

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Round to the nearest ten.

5. 57 _____   6. 142 _____   7. 345 _____   8. 189 _____

Round to the nearest hundred.

9. 82 _____   10. 350 _____   11. 316 _____   12. 239 _____

Round to the nearest ten and to the nearest hundred.

13. 64 _____   14. 522 _____   15. 195 _____   16. 836 _____

_____   _____   _____   _____

Round the time to the nearest ten minutes.

17. 7:07 _____

18. _____

19. **STUDENT POPULATION** There are 879 students at a school. To the nearest hundred, about how many students are at the school? _____

20. **LAPTOP PRICE** A laptop costs about $700. Describe the actual price of the laptop.

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