

Grade 7 Hon Prep Work
3.3 Rounding Digits & Place Val

Name _____

Date _____

1. Round to the nearest hundredth: 7.20631
2. Round to the nearest whole number: 38.498
3. Round 28.2508 to the nearest tenth.
4. Round 72.4983 to the nearest whole number.
5. Round to the nearest thousandth: 7.47075
6. Round 37.8374 to the nearest thousandth.
7. Find the arithmetic mean of -4.80 and -4.79 .
Express your answer as a decimal.
8. Round to the nearest hundred: 4329.829
9. Round 26.9953 to the nearest hundredth.
10. Round 68.47982 to the nearest thousandth.

11. List the letters which correspond to the numbers when they are ordered from least to greatest:
- a) -6.38 b) -5.4 c) -6.296 d) -5.305
e) 5.305 f) 5.4

13. What is the digit in the thousands place in the product?

$$\begin{array}{r} 2,947 \\ \times \quad 316 \\ \hline \end{array}$$

14. In the addition problem shown, whole numbers less than 10 are missing from the boxes. If the problem is done correctly, what is the sum of the numbers in these boxes?

$$\begin{array}{r} \square 63 \\ 7\square 2 \\ + 58\square \\ \hline \square 042 \end{array}$$

Answer List

- | | | |
|------------|--------------------------|------------|
| 1. 7.21 | 2. 38 | 3. 28.3 |
| 4. 72 | 5. 7.471 | 6. 37.837 |
| 7. -4.795 | 8. 4300 | 9. 27.00 |
| 10. 68.480 | 11. a, c, b, d, e, and f | 12. 68.480 |
| 13. 1 | 14. 24 | |

Catalog List

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|---------------|---------------|---------------|
| 1. MCC AE 1 | 2. MCC AE 2 | 3. MCC AE 4 |
| 4. MCC AE 6 | 5. MCC AE 9 | 6. MCC AE 10 |
| 7. MCC AE 11 | 8. MCC AE 12 | 9. MCC AE 13 |
| 10. MCC AE 16 | 11. MCC AE 15 | 12. MCC AE 16 |
| 13. MCC AE 3 | 14. MCC AE 14 | |