

Section 1.2 Exercises Part B

1. Round 7,254.07 to the nearest ten.
2. Round 2,862.843 to the nearest hundredth.
3. Round 538,484 to the nearest ten thousand.
4. Round 189.59 to the nearest ten.
5. Round 3,250.647 to the nearest tenth.
6. Round 2,892.56385 to the nearest thousandth.
7. Round 34,454 to the nearest thousand.
8. Round 189,364,529.83 to the nearest million.
9. Describe what possible problems students could have with rounding.

Estimate the following.

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|---------------------------|-----------------------------|----------------------|
| 10. 51×3250.07 | 11. $438.9 \times 2,892.07$ | 12. 32×789 |
| 13. $569.456 \div 6.1987$ | 14. 58×391 | 15. $54,200 \div 12$ |

16. Working with your group, find the yearly income for 10 of the jobs brought in by group members.

17. As a group, estimate a monthly budget for a family with a few children living in your area. Please include estimates of costs for housing, transportation, food, utilities, and clothing.

18. Enter the budget into a spreadsheet document.

Answers:

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|--|---------------------------------------|
| 1. 7,250 | 10. About 150,000 |
| 2. 2,862.84 | 11. About 1,200,000 |
| 3. 540,000 | 12. About 24,000 |
| 4. 190 | 13. About 100 |
| 5. 3,250.6 | 14. About 24,000 |
| 6. 2,892.564 | 15. About 5,000 |
| 7. 34,000 | 16. Make sure they are all there. |
| 8. 189,000,000 | 17. Should look neat. |
| 9. d vs. dth, lack of 1 th , any others | 18. Complete when everyone can do it. |