

Name _____

Benchmark Battle Answer Key

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|---|---|
| 1. Less than. About $40 \times 20 = 800$. | 6. Less than. About $300 \times 30 = 9,000$. |
| 2. Greater than. About $60 \times 50 = 3,000$. | 7. Greater than. About $500 \times 40 = 20,000$. |
| 3. Less than. About $80 \times 30 = 2,400$. | 8. Less than. About $600 \times 30 = 18,000$. |
| 4. Less than. About $100 \times 40 = 4,000$. | 9. Greater than. About $800 \times 50 = 40,000$. |
| 5. Greater than. About $200 \times 50 = 10,000$. | 10. Less than. About $1,200 \times 40 = 48,000$. |

Teacher's Guide

- Review how rounded factors can be used to judge a product without calculating it exactly.
- Encourage students to make a quick estimate first, then compare it with the given benchmark.
- For extra support, let students write their rounded factors beside each expression.
- For differentiation, ask advanced students to choose a closer benchmark for each product.
- Add engagement by awarding a point for each correct benchmark decision and a bonus point for a reasonable supporting estimate.
- As an extension, have students create multiplication expressions whose estimated products fall just above or below a chosen benchmark.