

Rounding Routes Answer Key

1. C. $40 \times 20 = 800$
2. A. $70 \times 50 = 3,500$
3. A. $90 \times 30 = 2,700$
4. B. $200 \times 40 = 8,000$
5. C. $300 \times 60 = 18,000$
6. B. $500 \times 30 = 15,000$
7. A. $700 \times 50 = 35,000$
8. B. $1,200 \times 40 = 48,000$

Teacher's Guide

- Explain that a useful rounding choice keeps the factors reasonably close to the originals while making multiplication easier.
- Have students compare all three choices before calculating an estimated product.
- For extra support, ask students to identify which rounded factor is closest to each original factor.
- For differentiation, have advanced students explain why one of the other choices gives a weaker estimate.
- Add engagement by letting partners compare their choices before checking the answer key.
- As an extension, have students create a fourth rounding option for each problem that produces another reasonable estimate.