

STUDY LINK
2·7

Magnitude Estimates



A **magnitude estimate** is a very rough estimate. It tells whether the exact answer falls in the tenths, ones, tens, hundreds, thousands, and so on. For each problem, make a magnitude estimate. Ask yourself: *Is the answer in the tenths, ones, tens, hundreds, thousands, or ten-thousands?* Circle the appropriate box. Do not solve the problems.



Example: $18 * 21$

10s	100s	1,000s	10,000s
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$$20 * 20 = 400$$

How I estimated

1. $73 * 28$

10s	100s	1,000s	10,000s
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How I estimated

2. $12 * 708$

10s	100s	1,000s	10,000s
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How I estimated

3. $98 * 105$

10s	100s	1,000s	10,000s
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How I estimated

4. $17 * 2.2$

10s	100s	1,000s	10,000s
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How I estimated

5. $2.6 * 3.9$

0.1s	1s	10s	100s
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How I estimated

Try This

6. Use the digits 4, 5, 6, and 8. Make as many factor pairs as you can that have a product between 3,000 and 5,000. Use a calculator to solve the problems.
