

### Estimation in Decimal Multiplication & Division Problems

Pick the best approximate answer and explain why you chose it:

$$12\,078 \times 0.29601 \approx \text{A } 4 \quad \text{B } 40 \quad \text{C } 400 \quad \text{D } 4\,000$$

Explanation:

$$0.45 \div 0.0981 \approx \text{A } 0.045 \quad \text{B } 0.45 \quad \text{C } 4.5 \quad \text{D } 45$$

Explanation:

$$1289 \times 0.003913 \approx \text{A } 5.2 \quad \text{B } 0.52 \quad \text{C } 0.052 \quad \text{D } 0.0052$$

Explanation:

$$0.73 \div 0.0099 \approx \text{A } 730 \quad \text{B } 73 \quad \text{C } 7.3 \quad \text{D } 0.73$$

Explanation:

$$49.6 \times 1001.002 \approx \text{A } 50\,000 \quad \text{B } 5000 \quad \text{C } 500 \quad \text{D } 50$$

Explanation:

$$\frac{21.4 \times 502}{0.111} \approx \text{A } 100\,000 \quad \text{B } 100 \quad \text{C } 10\,000 \quad \text{D } 1000$$

Explanation:

$$\frac{2.98 \times 70}{0.07 \times 290} \approx \text{A } 100 \quad \text{B } 10 \quad \text{C } 1 \quad \text{D } 0.1$$

Explanation:

$$23.6789 \div (0.578 \times 40.045) \approx \text{A } 100 \quad \text{B } 10 \quad \text{C } 1 \quad \text{D } 0.1$$

Explanation: