

## Advanced Operations Involving Fractions and Absolute Value

Solve the advanced problems below.

$$1. \frac{1}{-6} \times \left| \frac{36}{2} \right| \times 5 =$$

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**Explanation.**

**Step 1) Find the absolute value of values in the brackets. Simplify.**

$$\frac{1}{-6} \times \left| \frac{36}{2} \right| \times 5 =$$

$$\frac{1}{-6} \times 18 \times 5 =$$

**Step 2) Solve the operations.**

$$\frac{1}{-6} \times 90 = -15$$

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$$2. \left| -44 \right| \times \left| -\frac{1}{11} \right| \times \frac{400}{100} =$$

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**Step 1) Find the absolute value of values in the brackets. Simplify.**

$$\left| -44 \right| \times \left| -\frac{1}{11} \right| \times \frac{400}{100} =$$

$$44 \times \frac{1}{11} \times \frac{400}{100} = 44 \times \frac{1}{11} \times 4 = 176 \times \frac{1}{11}$$

**Step 2) Multiply to solve.**

$$176 \times \frac{1}{11} = 16$$

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