Breakpoint Superchlorination Worksheet
(Use with "Dosages Required" Handout)

**STEP 1:** The Adjustment – The answer from Step A: TAC – FAC = CAC x 10 = BP – FAC = 

**STEP 2:** The Amount of Chemical – Obtained from the Dosages required Sheet or the Manufacturer’s Label.

**STEP 3:** PPM in Bold – Obtained from the Dosages required Sheet or the Manufacturer’s Label.

**STEP 4:** Pool Volume

**STEP 5:** \( \text{STEP 1} \div \text{STEP 3} \)

**STEP 6:** \( \text{STEP 4} \div 10,000 \) (This number is usually 10,000 unless otherwise noted on the Manufacturer’s Label).

**STEP 7:** \( \text{STEP 2} \times \text{STEP 5} \times \text{STEP 6} = \) HOW MUCH CHEMICAL IS NEEDED TO MAKE THE ADJUSTMENT

---

**STEP A:**

\[
(TAC - \text{FAC} = CAC) \times 10 = BP - \text{FAC} = \text{ADJUSTMENT (AMOUNT NEEDED TO REACH BREAKPOINT)}
\]

\[
(____ - ____ = ____ ) \times 10 = ____ - ____ = ________
\]

**B) USE THE "FORMULA"**

<table>
<thead>
<tr>
<th><strong>STEP 1</strong></th>
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<th><strong>STEP 3</strong></th>
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<th><strong>STEP 5</strong></th>
<th><strong>STEP 6</strong></th>
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<td>(PPM IN BOLD)</td>
<td>_____ VOL (GAL.)</td>
<td>10,000 GAL.</td>
<td>(STEP 1 ÷ STEP 3)</td>
<td>(STEP 4 ÷ 10,000)</td>
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\[
\text{AMT} = \text{STEPS 2 \times 5 \times 6}
\]

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**STEP A:**

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(TAC - \text{FAC} = CAC) \times 10 = BP - \text{FAC} = \text{ADJUSTMENT (AMOUNT NEEDED TO REACH BREAKPOINT)}
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