

Moja's Group

Mix A

x30

2 cups Concentrate	3 cups Cold Water
60	90

Mix C

x45

1 cup Concentrate	2 cups Water
45 cups concentrate	90 water

Mix B

x10

5 cups Concentrate	9 cups Cold Water
50 cups concentrate	90 cups Cold Water

Mix D

3 cups Concentrate	5 cups Water
54	90

Lima's Group

Mix D

Ratio problem: 3 to 5
1 to 1 2/3 water

Water

Mix B

Concentrate 1 to 1 2/3 Water

5 to 9

Mix A

2 cups to 3 cups

Concentrate Cold Water

1 cup to 1 1/2 cups
Concentrate Cold Water

Mix C

Concentrate Water
1 cup to 2 cups

Tatu's Group

<p style="text-align: center;"><u>MIX A</u></p> <p>2 cups 3 cups concentrate cold water</p> <p style="text-align: center;">$2 + 3 = 5$</p> <p>$\frac{2}{5} = 40\%$ $\frac{3}{5} = 60\%$</p> <p style="text-align: center;">$40\% + 60\% = 100\%$</p>	<p style="text-align: center;"><u>MIX B</u></p> <p>5 cups 9 cups concentrate water</p> <p style="text-align: center;">$5 + 9 = 14 \leftarrow \text{total cups}$</p> <p>$\frac{5}{14} = 36\%$ $\frac{9}{14} = 64\%$</p> <p>$5 \div 14 = 36\%$ $9 \div 14 = 64\%$</p>
<p style="text-align: center;"><u>MIX C</u></p> <p>1 cup 2 cups concentrate cold water</p> <p style="text-align: center;">$1 + 2 = 3$</p> <p>$\frac{1}{3} = 33\%$ $\frac{2}{3} = 66\%$</p> <p style="text-align: center;">$33\% + 66\% = 100\%$</p>	<p style="text-align: center;"><u>MIX D</u></p> <p>3 cups 5 cups concentrate water</p> <p style="text-align: center;">$3 + 5 = 8 \leftarrow \text{total cups}$</p> <p>$\frac{3}{8} = 37.5\%$ $\frac{5}{8} = 62.5\%$</p> <p>$3 \div 8 = 37.5\%$ $5 \div 8 = 62.5\%$</p>

Sanji's Group

<p>Mix A - Cups of water: 3 Cups of concentrate: 2</p> <p>$\frac{2}{5}$ concentrate $\frac{3}{5}$ water</p> <p>$\frac{2}{5} = \frac{6}{15}$ $\frac{3}{5} = \frac{9}{15}$ } not equivalent fractions.</p> <p>$\frac{2}{5} \xrightarrow{\times 7.5} \frac{15}{37.5}$ concentrate / total juice</p>	<p>Mix B.</p> <p>5 cups concentrate 9 cups cold water</p> <p>$\frac{5}{14}$ concentrate $\frac{9}{14}$ cold water</p> <p>$\frac{5}{14} \xrightarrow{\times 3} \frac{15}{42}$ concentrate / total juice</p>
<p>Mix C</p> <p>1 cup concentrate 2 cup cold water</p> <p>$\frac{1}{3}$ concentrate $\frac{2}{3}$ water</p> <p>$\frac{1}{3} \xrightarrow{\times 15} \frac{5}{45}$ concentrate / total juice</p>	<p>Mix D - 3 cups concentrate 5 cups water</p> <p>$\frac{3}{8}$ of concentrate $\frac{5}{8}$ of water</p> <p>$\frac{3}{8} \xrightarrow{\times 5} \frac{15}{40}$ concentrate / total juice</p>