

347.11ml of 0.68 M NaBr solution

534.49 mL of water added to it. Then new volume (347.11+534.49) mL =881.6 mL

According to definition $S_1 V_1 = S_2 V_2$

Where $S_1 = 0.68 \text{ M}$ $V_1 = 347.11 \text{ mL}$ $V_2 = 881.6 \text{ mL}$

Thus $S_2 = 0.267 \text{ M}$

Thus Final concentration = 0.267 M

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