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Punto 1

$$55 \text{ g} \cdot 0,45 (94 - 40) = 55 \text{ g} \cdot 0,45 \cdot 54^\circ \text{C}$$

$$Q = 1,336,5 \text{ Joule}$$

Punto 2

Forma 1

$$Q = m c (t_f - t_i)$$

$$Q = 60,540 (100^\circ - 100^\circ)$$

$$Q = 60,540 \cdot 0 =$$

$$Q = 0$$

Forma 2

$$1 \text{ g de Agua} \quad \underline{\quad\quad\quad} \quad 540^\circ \text{C}$$

$$1 \text{ caloría} \quad \underline{\quad\quad\quad} \quad 4,184$$

$$60 \text{ g} \quad \underline{\quad\quad\quad} \quad x \quad x = 32,400^\circ \text{C}$$

$$32,400^\circ \text{C} \quad \underline{\quad\quad\quad} \quad x = 13,5561,6 \text{ Joule}$$