

Stoichiometry Live Worksheet

1. Balance the equation below: (if no coefficient is required, put a 1 in the box)



2. How many moles of strontium chloride are required to produce 1.5 mol of sodium chloride? (round your answer to the nearest whole number)

$$1.5 \text{ mol NaCl} \times \text{—————} =$$

3. How many moles of strontium chloride are needed to form 15.0 grams of sodium chloride with excess sodium sulfate? (round your answer to 2 decimal places)

$$15.0 \text{ g NaCl} \times \text{—————} \times \text{—————} =$$

4. How many grams of strontium sulfate are produced from 0.25 grams of sodium sulfate with excess strontium chloride? (round your answer to 2 decimal places)

$$0.25 \text{ g Na}_2\text{SO}_4 \times \text{—————} \times \text{—————} \times \text{—————} =$$

5. How many moles of sodium sulfate are needed to produce 50.0 grams of strontium sulfate? (round your answer to 2 decimal places)

$$50.0 \text{ g SrSO}_4 \times \text{—————} \times \text{—————} =$$