

**Skill Builder****Chapter 5****BLM 5-8****The Mole Box****Goal**

Practise listing the equivalent descriptions of one mole of a substance.

**What To Do**

Within each box, list all the equivalent descriptions of one mole of the specified substance. The first one is done for you as a sample. Remember to check the state (solid, liquid, or gas).

$\text{CO}_{(g)}$ 1 mole $(6.02)(10^{23})$ molecules 28.0 g 22.4 L at STP	$\text{O}_{3(g)}$
$\text{W}_{(s)}$	$\text{Rb}_2\text{O}_{(s)}$
$\text{SF}_{6(g)}$	$\text{NaOH}_{(s)}$
$\text{HNO}_{3(l)}$	$\text{CCl}_{4(l)}$