

CONCEPT REVIEW
4

The concept of mole

EST

PAGES 30–31

Complete this concept review
handout and keep it as a record of
what you have learned.

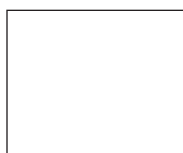
EST Definitions

- A mole is _____

- Symbol: _____
- The molar mass of a substance is _____

- Avogadro's number represents _____

EST Mathematical formula and units of measurement for molar mass





where _____

EST Some examples of molar mass

Substance	Relative atomic mass (u)	Molar mass (g/mol)
Oxygen	16.00	16.00
Potassium		
Silicon		
Argon		
Lithium		
Carbon dioxide (CO ₂)		

EST Graphic representation of the relation between a substance's relative atomic mass and its molar mass

<p>_____ scale</p>  <p>A molecule of CO₂ (44.01 u)</p>	<p>_____ scale</p>  <p>A mole of CO₂ (44.01 g)</p>
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