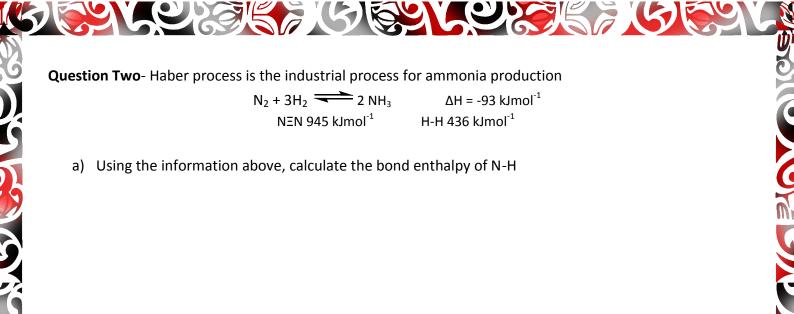
Name (and formula)	Lewis Diagram	Bonds contain
Ammonia (NH₃)	н—-ii—-н Н	3 × N-H
Sulfur dioxide (SO ₂)		
Sulfur trioxide (SO₃)		
Hydrogen sulfide (H₂S)		
Methane (CH₄)		
Water (H₂O)		
Nitrogen gas (N₂)		
Oxygen gas (O ₂)		



b) Calculate how much energy will released when 500 kg of nitrogen gas is fully turned to ammonia