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Please indicate if the following are Respiratory Acidosis, Respiratory Alkalosis, Metabolic Acidosis, or Metabolic Alkalosis. Also indicate if we have no compensation, partial compensation, or full compensation.

1. pH 7.21  
CO<sub>2</sub> 35  
HCO<sub>3</sub> 16

Metabolic acidosis, no compensation

2. pH 7.52  
CO<sub>2</sub> 40  
HCO<sub>3</sub> 32

Metabolic Alkalosis, no compensation

3. pH 7.31  
CO<sub>2</sub> 60  
HCO<sub>3</sub> 22

Respiratory acidosis, no compensation

4. pH 7.6  
CO<sub>2</sub> 30  
HCO<sub>3</sub> 26

Respiratory Alkalosis, no compensation

5. pH 7.35  
CO<sub>2</sub> 64  
HCO<sub>3</sub> 32

Respiratory Acidosis, Full compensation

6. pH 7.45  
CO<sub>2</sub> 27  
HCO<sub>3</sub> 20

Respiratory Alkalosis, partial compensation

7. pH 7.38  
CO<sub>2</sub> 27  
HCO<sub>3</sub> 16

Metabolic Acidosis, partial compensation

8. pH 7.43  
CO<sub>2</sub> 56  
HCO<sub>3</sub> 33

Metabolic Alkalosis, partial compensation