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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 | Metabolic Acidosis    |
|    | CO <sub>2</sub>  | 35   | Uncompensated         |
|    | HCO <sub>3</sub> | 16   |                       |
| 2. | pH               | 7.52 | Metabolic Alkalosis   |
|    | CO <sub>2</sub>  | 40   | Uncompensated         |
|    | HCO <sub>3</sub> | 32   |                       |
| 3. | pH               | 7.31 | Respiratory Acidosis  |
|    | CO <sub>2</sub>  | 60   | Uncompensated         |
|    | HCO <sub>3</sub> | 22   |                       |
| 4. | pH               | 7.6  | Respiratory Alkalosis |
|    | CO <sub>2</sub>  | 30   | Uncompensated         |
|    | HCO <sub>3</sub> | 26   |                       |
| 5. | pH               | 7.35 | Respiratory Acidosis  |
|    | CO <sub>2</sub>  | 64   | fully compensation    |
|    | HCO <sub>3</sub> | 32   |                       |
| 6. | pH               | 7.45 | Metabolic Acidosis    |
|    | CO <sub>2</sub>  | 27   | fully compensation    |
|    | HCO <sub>3</sub> | 20   |                       |
| 7. | pH               | 7.38 | Metabolic Acidosis    |
|    | CO <sub>2</sub>  | 27   | fully compensation    |
|    | HCO <sub>3</sub> | 16   |                       |
| 8. | pH               | 7.43 | Metabolic Alkalosis   |
|    | CO <sub>2</sub>  | 56   | fully compensation    |
|    | HCO <sub>3</sub> | 33   |                       |
| 9. | pH               | 7.31 | Respiratory Acidosis  |
|    | CO <sub>2</sub>  | 52   | partial compensation  |
|    | HCO <sub>3</sub> | 30   |                       |