Calculate the acceleration for the following data. SHOW WORK!

Round answers to the nearest HUNDREDTH AND LABEL ANSWER!

**Acceleration = S2 – S1**

**Time**

Speed1 Speed 2 Time Acceleration

1. 0m/s 24 m/s 3 s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. 0 m/s 35 m/s 5 s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. 20 m/s 60 m/s 10 s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. 50 m/s 150 m/s 5 s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. 25 m/s 1200 m/s 3600 s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_