Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_ H

**6th Grade Unit 1: The Number System: Performance Task**

Starting at 6:00 a.m., a bus stops at my street corner every 15 minutes. It costs $1.75 to ride the bus. Also starting at 6:00 a.m., a taxi cab comes by every 12 minutes. The taxi charges a flat rate of $2.00 plus $0.50 per mile.

**Part A:**

Both the bus and taxi just left the corner at 6:00 a.m. What is the next time that the bus and the taxi are at the corner at the same time?

**Show your work:**

**Answer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part B:**

Mr. Kouvatsos caught a ride at 7:24 a.m. Did he get on the bus or in a taxi?

**Show your work:**

**Answer:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain in complete sentences how you arrived at your answer to part b, using your math vocabulary.

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