

Drops in a Bucket Math Task
Grade 8 Pre-Algebra/Grade 6 Pre-Algebra GT

Your math teacher woke up from a deep sleep very early this morning due to a loud and steady rainfall. She could not believe that she was awoken by rain, so she went outside to see what was happening. She noticed a bucket that was empty before the rain, had collected a good amount of rainwater. She decided to measure the amount of water and at 4 a.m., the height of the water collected in the bucket was 63mm, at 5 a.m. the height of the water was 77mm, and at 6 a.m. the height of the water was 91mm high in the bucket. What time did the rain start?

