The first train of the day comes in at 3:00 AM.

The train runs every 17 minutes

The current time is 7:12 PM.

There have been no delays and will be no delays.

Question:

How many minutes away is the next train?

60/17 = 3.53 train runs per hour

(16 hours between 3am & 7pm)

3.53 x 16 = 56.48 train runs between 3am and 7pm

56.48 x 17 = 960.16 minutes between 3 and 7

960.16 / 60 = 16 hours meaning that the train arrives at 7pm.

At 7:12 there’s 5 minutes left before the next train arrives.

For minutesAway subtract arrivalTime from startTime divided by frequency in minutes. The remainder should equal minutesAway.

Moment.duration().asMinutes()