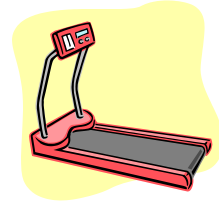


# MEET ME AT THE GYM!



## Solution

Ashley, Amara, and Aniah work out at the Fitness Center after school. Ashley goes every 3 days, Amara every 4 days, and Aniah plays in the band, so she can only go every 8 days. On what days in the next six weeks will Amara and Ashley be at the Fitness Center on the same day? On what days in the next six weeks will Amara and Aniah be at the Fitness Center on the same day? On what day will all three girls be there?

*Explain in detail how you found your answer using words, numbers, and/or pictures.*

**Hint:** Use multiples to find out which days each of the girls will be there.

Ashley: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42

Amara: 4, 8, 12, 16, 20, 24, 28, 32, 36, 40

Aniah: 8, 16, 24, 32, 40

**Answer:**

Ashley and Amara: Days 12, 24, 36

Amara and Aniah: Days 8, 16, 24, 32, 40

All Three: Day 24