



Problem of the Week

Problem C

Go Back

Gwen has been given the ability to time travel by walking along three different trails. She can walk on any trail as often as she wishes, but can only walk on one trail at a time. She must walk on the trails using the following rules.

- When she walks on Trail A, she must take 7 steps forward. This will allow her to travel 4 months backward in time.
- When she walks on Trail B, she must take 5 steps backward. This will allow her to travel 7 months backward in time.
- When she walks on Trail C, she must take 2 steps forward. This will allow her to travel 3 months backward in time.

One day she travels 5 years into the past. She made a total of 25 steps backward and walked on the three trails a total of 12 times. How many steps forward did she take?

