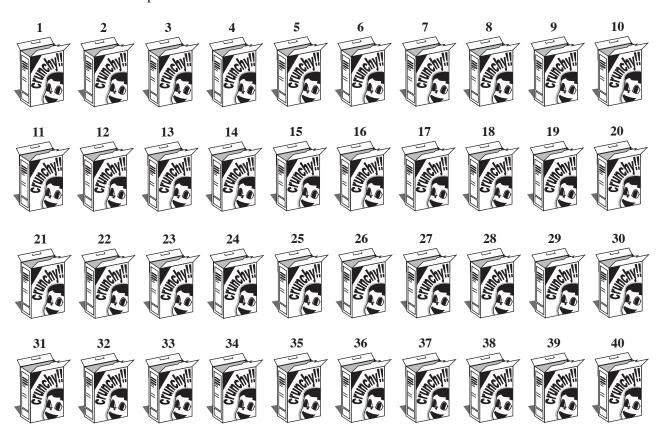# MathFLIX CHALLENGE

Common Multiples: *Instructional*

A cereal manufacturer puts a 50¢ coupon in every 3rd box and a free coupon in every 12th box. Tell how often a box will contain **both** coupons.

1. What do you see?
2. Read the question.
3. Put a 50¢ coupon in every third box.
4. Put a free coupon in every 12th box.
5. What boxes have both coupons inside?
6. Predict the next 10 box numbers which will have a 50¢ coupon.
7. Predict the next 10 box numbers which will have a free coupon.
8. Predict what number boxes will have both coupons.
9. Will this pattern continue?
10. What is the answer to the problem?

First I studied the diagram **because** _____

Second, I read the question **because** _____

Next I labeled the boxes with 50¢ coupons and free coupons **because** _____

My answer is _____ **because** _____

Finally, I checked my answer to make sure it was correct because I want to get all 12 points.