VISUAL PATTERN:
Can you find how many circles would be in the 43rd stage of this pattern without continuing the pattern?

STAND AND TALK:
What do you notice?

\[ y = \frac{1}{8}(x + 7) - 15 \]

What do you wonder?

OPEN MIDDLE:
Using whole numbers 1-9 no more than one time each, write an equation of a line in standard form with given x- and y-intercepts.

\[ \square x + \square y = \square \]

\[ x - \text{int: } (\square, 0) \]

\[ y - \text{int: } (0, \square\square) \]
3-ACT MATH:
Act 1: How much money do you think is in Fry’s Bank account? Write down an estimate that you think is:
● Too high:
● Too low:
● Just right:

Act 2: What information do you need to determine how much money is in Fry’s account? Once you know the information, calculate the amount of money in the account.

Act 3: Video reveal. How did you do?

WOULD YOU RATHER:

Resources:
www.visualpatterns.org  www.openmiddle.com
https://saravanderwerf.com/  https://phet.colorado.edu/
Dan Meyer’s Three-Act Math Tasks  https://teacher.desmos.com/
www.wodb.ca (Which One Doesn’t Belong)  http://www.estimation180.com/
www.wouldyourathermath.com  www.mathematicsvisionproject.org
www.nc2ml.org
● Middle School - http://tools4ncteachers.com/
● High School - “Blue Canvas”