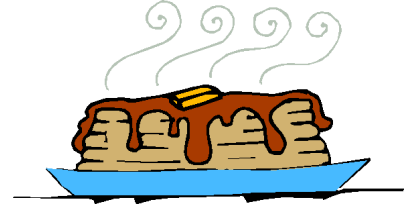


MathFLIX CHALLENGE

• Pancake Breakfast Plans •

The seventh grade students at Abbott School are planning a pancake breakfast to raise money for a homeless shelter. They think they should set up a spreadsheet to help them plan. They have the following information:

- Bags of pancake mix cost \$10 each.
- Each bag makes 120 pancakes.
- Each person will be served 3 pancakes



Help the students prepare for the breakfast by completing the table below.

# of bags of mix	Cost of mix	# of pancakes	# of people served	Gross profit	Net profit
1	10	120	40	80	70
2					
3					
4					
5					
6					
7					
n	10n	120n	$\frac{120}{3}$	$\frac{(2)120n}{3}$	$\frac{(2)120n-10n}{3}$

How many pancakes would the students need to make to serve X people?

How much will it cost for the pancake mix to serve X people?

How much \$ will they raise if they charge \$2 per person?

What other items might be needed for this pancake breakfast?

