1.7 Assignment #2

For each context, write a table, explicit formula and recursive formula.

1) Dawson had two shiny jackets, and every hour, he would triple the amount he had.

Explicit:_____

Recursive:

2) Hollister started with 90 Goldfish crackers, but every minute he'd drop two on the floor.

Explicit:_____

Recursive:

3) Ethan had 64 chicken nuggets, but every hour, he'd eat half of what he had.

Explicit:_____

Recursive:

4) Lucy had a life-sized chocolate dog that weighed 30 pounds. She left it in the sun, so every hour, 70% of it would melt off.

Explicit:_____

Recursive:

5) Brother Finch had a golden Chuck Norris action figure worth $2. Every year, the value would be 6 times what it was the year before. Explicit:_____ Recursive:	6) Kyler had written a janky letter and wanted to "send it," so every day, he would send 8 copies of it to people. Explicit:_____ Recursive:
7) Make an explicit and recursive formula for the table below:<table><tr><td>x</td><td>f(x)</td></tr><tr><td>1</td><td>4</td></tr><tr><td>2</td><td>6</td></tr><tr><td>3</td><td>9</td></tr><tr><td>4</td><td>13.5</td></tr><tr><td>5</td><td>20.25</td></tr></table> Explicit:_____ Recursive:	8) Elliot had 68 yo-yos in his collection, and every day, squatches would take him down and steal 7. Explicit:_____ Recursive:

9) Kaylee went trick-or-treating and got 3 boxes of raisins from the 1st house. Every house after that gave her 8 more.

Explicit:_____

Recursive:

10) Elise was **supes** rich with $2000 in the bank. Every month she would spend half of what she had.

Explicit:_____

Recursive:

11) Craner also was also **supes** rich and had $2000, but every month, she would only spend $25 on eye patches and mullet wigs.

Explicit:_____

Recursive:

12) B-Keck touched Mendy's cactus and got 4 needles stuck in him. Every cactus he touched after that put 12 more needles in his fingers. Holy chicken.

Explicit:_____

Recursive: