The Three Stooges and Their Money

Once upon a time there were three brothers: Larry, Curly, and Moe. The three brothers each had a $100 bill, and they wanted to invest their money to increase their net worth.

Like so many investors, the first place they took their money to the bank. They went to all the local banks looking for a good deal: First National Bank of Broomfield, Vectra Bank, Alpine Bank, and Community First Bank. Finally, after a long search, they invested their money with a little-known bank, the Glyco Bank. Before they could open an account, however, they each had to agree to pay a $2.00 service charge out of any interest that they earned.

After a year, the three brothers went back to the bank and asked for their $100 bill back with interest. Instead of receiving back their $100 bills, the teller gave them two $50 bills and just $2.00 interest. (They had actually earned $4.00 interest, but $2.00 was removed for the service charge.) Needless to say, all three brothers were very disappointed at the low return on their investment, so they decided to move their money elsewhere.
Cell Respiration (Getting ATP from A Molecule of Glucose)

Glucose molecules go through the process of ____________________________
which produces

two _________________ and a net gain of ______ATP ( _____ATP earned minus 2 to start the process).

The _________________________ can go through one of three different processes

Aerobic ______________ goes to the ______________ in a cell
where the __________ cycle produces ______ ATP

The molecules then go through the ____________________________
which produces _____ ATP

Aerobic Respiration Results:
_____ ATP from ____________
_____ ATP from ____________
_____ ATP from ____________
_____ TOTAL ATP EARNED

Lactic Acid Fermentation Results:
_____ ATP from ____________

Alcohol Fermentation Results:
_____ ATP from ____________
_____ TOTAL ATP EARNED (Fermentation)
The eldest brother, Larry, decided to take his $100.00 to the Mighty Mito Stock Exchange. When he walked into their building, he noticed that the air was very fresh and clean. The first person he talked to was Miss Krebs, who promptly took Larry’s $100.00 and promised to use it wisely. After a short time, however, Miss Krebs was able to earn only $2.00 using all her financial wizardry. She decided to pass the $100.00 along to another office in her building, the E.T.C. Investment Group.
This investment group took Larry’s $100.00 and began to pass it from one fund to another. When Larry came to see how his investment was doing, he was thrilled to discover not only had Miss Krebs earned $2.00 from his initial investment, but the E.T.C. Investment Group had increased his assets by $32.00! Therefore, with the $2.00 from the Glyco Bank, the $2.00 from Miss Krebs, and the $32.00 from the E.T.C. Investment Group, Larry had earned a return of $36.00 on his money. Larry was very pleased!
Cell Respiration (Getting ATP from A Molecule of Glucose)

Glucose molecules go through the process of ________________ which produces ________________ and a net gain of ______ ATP ( _____ ATP earned minus 2 to start the process).

The ________________________ can go through one of three different processes

Aerobic ________________ goes to the ________________ in a cell where the __________ cycle produces ______ ATP

The molecules then go through the ________________ which produces _____ ATP

Anaerobic fermentation in a ________________ cell produces _____ ATP and

Aerobic Respiration Results:

| ______ ATP from _____________ |
| ______ ATP from _____________ |
| ______ ATP from _____________ |
| ______ TOTAL ATP EARNED |

Lactic Acid Fermentation Results:

| ______ ATP from _____________ |
| ______ TOTAL ATP EARNED |

Alcohol Fermentation Results:

| ______ ATP from _____________ |
| ______ TOTAL ATP EARNED (Fermentation) |
The second brother, Curly, took a different strategy of investing his $100.00. He had a friend Goldie who owned a gym. Curly went to Goldie’s Gym one day to discuss his investment idea. When he first entered the gym, he noticed the air in the gym wasn’t fresh at all, but was very stuffy. Curly asked Goldie if he could invest his $100.00 in Goldie’s Gym, and Goldie said, “No problem! I’ll take your money, earn you some interest, and even let you work out in the gym for free.” So, Curly began working out at Goldie’s Gym. However, after a few months, Curly asked Goldie for his money with interest. Much to Curly’s dismay, Goldie could not give Curly any profits, and on top of that, Curly’s muscles were very sore from working out at the gym. Curly was not happy.
Cell Respiration (Getting ATP from A Molecule of Glucose)

Glucose molecules go through the process of

________________________________________________________________________

which produces

two _________________ and a net gain of ______ ATP ( _____ATP earned minus 2 to start the process).

The ______________________ can go through one of three different processes

Aerobic

__________ goes to the

______________ in a cell

where the __________ cycle produces ______ ATP

The molecules then go through the

__________ which produces _____ ATP

Anaerobic

fermentation in a

_____________ cell

produces _____ ATP

and

Alcohol Fermentation Results:

_____ ATP from ____________

_____ TOTAL ATP EARNED

(Fermentation)

Lactic Acid Fermentation Results:

_____ ATP from ____________

_____ TOTAL ATP EARNED

(Fermentation)
The third brother, Moe, decided to invest his money with his friend Al. Al owned a bar, and when Moe went into the bar to talk to Al, he noticed that the air wasn’t very fresh, but was very stuffy. Moe approached Al with his investment idea and Al said, “No problem! I’ll take your money, earn you some interest, and you can visit the bar any time you want.” So, Moe started visiting Al’s Bar and taking advantage of the free alcohol. However, after a few months, Moe asked Al for his money with interest. Much to Moe’s dismay, Al could not give Moe any interest, and on top of that, Moe was suffering the ill effects of alcohol consumption. Moe was not happy.
Cell Respiration (Getting ATP from A Molecule of Glucose)

Glucose molecules go through the process of ____________________________

which produces two _________________ and a net gain of ______ATP ( _____ATP earned minus 2 to start the process).

The ____________________________ can go through one of three different processes

Aerobic

__________ goes to the ________________ in a cell where the __________ cycle produces ______ ATP

The molecules then go through the ________________ which produces _____ ATP

Anaerobic

fermentation in a ____________ cell produces _____ ATP

and

fermentation in a ____________ cell produces _____ ATP

and

Alcohol Fermentation Results:

_____  ATP from ____________

_____ TOTAL ATP EARNED

Lactic Acid Fermentation Results:

_____  ATP from ____________

_____ TOTAL ATP EARNED (Fermentation)

Aerobic Respiration Results:

_____ ATP from ____________

_____ ATP from ____________

_____ ATP from ____________

_____ TOTAL ATP EARNED
The three brothers got together to compare their respective investment strategies with the Glyco Bank and other locations. Larry, who invested in the Mighty Mito Stock Exchange, earned a total of $36.00. Curly, who put his money in Goldie’s Gym, ended up with just $2.00 and sore muscles. And Moe, who took a chance on Al’s Bar, also just earned a total of $2.00 and had too much alcohol.

After a long discussion about their experiences in the world of investing, the Three Stooges decided to give up investing and try a career in show business. And, as they say, the rest is history!

Nyuck, Nyuck, Nyuck!!!
Cell Respiration (Getting ATP from A Molecule of Glucose)

Glucose molecules go through the process of

_________________________

which produces

two _________________ and a net gain of ______ATP ( _____ATP earned minus 2 to start the process).

The ______________________ can go through one of three different processes

Aerobic

_________ goes to the

______________ in a cell

where the __________ cycle
produces ______ ATP

The molecules then go through the

_____________________

which produces _____ ATP

Aerobic Respiration Results:

____ ATP from _____________

____ ATP from _____________

____ ATP from _____________

____ TOTAL ATP EARNED

Lactic Acid Fermentation Results:

____ ATP from _____________

____ TOTAL ATP EARNED

(Fermentation)

Anaerobic

fermentation in a

_____________ cell

produces _____ ATP

and

____________ cell

produces _____ ATP

fermentation in a

_____________ cell

produces _____ ATP

and

Alcohol Fermentation Results:

____ ATP from _____________

____ TOTAL ATP EARNED