Complex Inferences
Inference v. Observation: Observation is what you see & Inference is what you figure out

Complete this packet to the best of your ability, making inferences where asked.

1) Infer what happened to the cat?

For #2-4, mark the correct answer that indicates the meaning of the quotation.

2) "The old law of 'an eye for an eye' leaves everybody blind."
—Martin Luther King, Jr.
A. Violence is a necessary evil.
B. Responding to violence with violence leads to destruction.
C. Old laws are the best laws.
D. There are better ways of responding to injustice than with violence.

3) "A hero is a man who does what he can."
— Romain Rolland
A. Heroism doesn't always consist of noticeable actions.
B. Many people do not do all they can to help others.
C. It is easy to be a hero.
D. People don't have to be outstandingly brave to be heroic.
4) "Help your brother's boat across, and your own will reach the shore."

—Hindu proverb
A. We need each other to help us reach our goals.
B. Helping someone benefits the helper as well as the receiver of help.
C. People should sacrifice their well-being for the sake of others.
D. Boats tend to reach shore no matter who pilots them.

5) I found the following four items in a bag: Axe spray, a Hollister clothes tag, church flyer, and a magazine. Describe the type of person these items belong to and infer what type of magazine it was.

For the following Aesop's fables, write the moral of the story that you have inferred:

6) "The Fox and the Grapes"
One afternoon a fox was walking through the
forest and spotted a bunch of grapes hanging
from over a lofty branch.
"Just the thing to quench my thirst," said he.
Taking a few steps back, the fox jumped and just
missed the hanging grapes. Again the fox took a
few paces back and tried to reach them but still
failed.
Finally, giving up, the fox turned up his nose and
said,"They're probably sour anyway," and
proceeded to walk away.
Moral:

7) "Four Oxen and the Lion"
A lion used to prowl about a field in
which four oxen used to dwell. Many a time
he tried to attack them; but whenever he
came near they turned their tails to one
another, so that whichever way he
approached them he was met by the horns
of one of them.
At last, however, they fell a-quarrelling
among themselves, and each went off to
pasture alone in a separate corner of the
field. Then the lion attacked them one by
one and soon made an end of all four.
Moral:

For the following Minute Mysteries, give the solution that you infer from the given information (please refrain from using Google):

8) Two children born in the same hospital, in the same hour, day, and year, have the same mother and father, but are not twins.

9) A couple will build a square house. In each wall they'll have a window, and each window will face north.

10) There are a pipe, a carrot and a pile of pebbles together in the middle of a field.

11) An ordinary American citizen, with a clean police record but no passport, managed to visit over thirty foreign countries. He was welcomed in each country, and left each one of his own accord. He did this in one day.

For #12-15, Read the selection, and then answer the questions that follow.

(1) My math teacher, Mr. Reyman, always comes up with really great ideas. Take for example our assignment last weekend. We thought he'd ask us to study for the upcoming test. Instead, on Friday he says, "Some of you have questioned our need to study fractions and how often people really use them in everyday life. So to answer your query, I want you to go on a fraction hunt this weekend!"

(2) Raquelita raises her hand and asks, "You mean bring in like part of a fraction, like one shoe because it's half of a whole pair?"

(3) "Or bring me," Paco laughs, "since I play baseball, I'm $\frac{1}{9}$ of a team?"

(4) "You've got it," Mr. Reyman agrees. "Actually bring things or just draw them. Your families can help. Let's see who can find the most interesting!"

(5) At dinner that night, I tell Dad and Mom about the assignment. "Sounds like fun," Mom says. "I bought new shoes today. They're size $6\frac{1}{2}$."

(6) "Great! I'm on my way!" I say as I draw a shoe with a $6\frac{1}{2}$ label inside.

(7) In the kitchen, I spot measuring cups with $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{2}{3}$ on them and a measuring spoon labeled $\frac{1}{3}$. Dad brings in his toolbox and says, "Look in here. You'll find lots of fractions!" I do, wrenches labeled $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{11}{16}$, $\frac{3}{4}$, $\frac{13}{16}$ and $\frac{7}{8}$!

(8) Over the next two days, we find many other things. Dad asks, "Did you know hats come in fractional sizes?"

(9) "No, I usually see them labeled small, medium, and large!" I reply.

(10) Dad laughs and shows me his hat with a tag inside labeled $6\frac{7}{8}$. "I used to wear a $7\frac{3}{8}$," he chuckles. "My head must be getting smaller . . . or maybe I just had more hair then!"

(11) In the Sunday paper, I notice ads for sales, where things are $\frac{1}{2}$ or $\frac{1}{3}$ off. And Sunday night Dad shows me something special he has with a fraction written on it. "You can take this to school, but just be very careful with it," he says as he wraps it carefully in a soft cloth and puts it into a bag. "It's one of my favorites . . . and kind of rare."

(12) Monday everyone brings bags of stuff and lots of pictures to class. Other kids have wrenches, measuring utensils, and clothes. But no one else has the special thing my Dad gave me. "Wow!" says Mr. Reyman when I take it carefully out of the bag. "An old Beatles record!"

(13) He holds the record up for everyone to see. There, on the label, is the fraction and some letters: $33\frac{1}{3}$ RPM. Mr. Reyman explains that the letters stand for Revolutions *Per Minute* . . . the number of times the record spins around on a turntable each minute. He adds that today, CDs spin at between 200 and 500 RPM and produce a cleaner, clearer sound.

(14) We all agree that fractions are useful and people do use them a lot in everyday life.

1. What can you infer from the first paragraph?
   a. Mr. Reyman is a new teacher in the school.
   b. The kids need to practice for the school musical.
   c. There's an important math test coming up soon.
   d. Most of the kids don't understand meteorology.

2. Why might you infer that the narrator's father is bald?
   a. He likes to wear hats.
   b. He said he used to have more hair.
   c. The narrator said he had a shiny head.
   d. The hat fit the narrator.

3. What can you infer about the fraction find?
   a. Some kids couldn't find anything with a fraction on it.
   b. Raquelita found the most interesting item.
   c. Paco brought in his whole team.
   d. The Beatles record was the most interesting thing.

4. From the story, what can you infer about the narrator's family?
   a. They get along well together.
   b. They argue a lot.
   c. They live in a trailer.
   d. They don't have time to do things together.