

CRITICAL THINKING SKILLS

Analysis

REM 203D

A TEACHING RESOURCE FROM...



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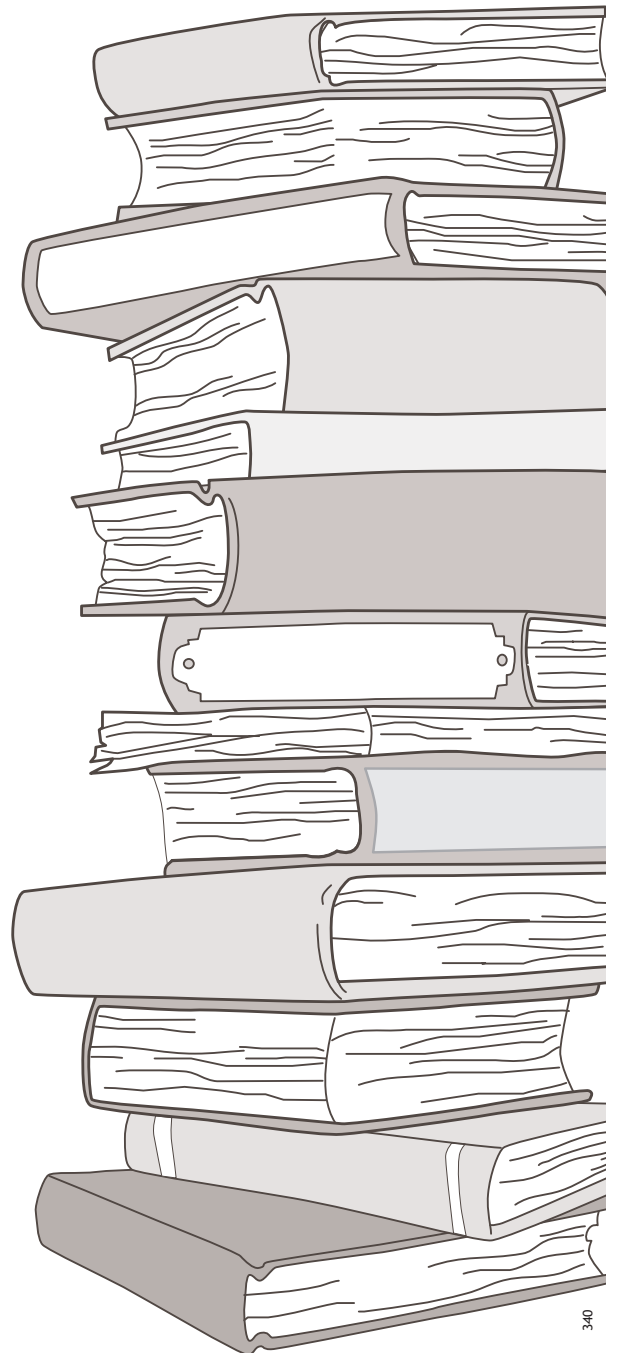
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INTRODUCTION

Analysis is the fourth step in Bloom's Taxonomy. It is the ability to break a whole into its component parts and to understand how each functions as a part of the whole.

The ability to reason logically is a major skill at this step of critical thinking. Analogies, several types of puzzles, and a variety of problem-solving activities are included in this level. Students examine the whole, make judgments about the pieces of the whole, and see how those pieces relate to each other.

All activities are reproducible for use in a variety of teaching, practice, and reinforcement situations. They are appropriate for whole class, small group, or individual use. Oral discussion of the work as it is completed will increase the level of student understanding.

THE CRITICAL THINKING SERIES

FROM REMEDIA PUBLICATIONS

201A	Analogies
201B	Classification
201C	Absurdities
201D	Similarities & Differences
201E	Sequence
202A	Drawing Solutions
202B	Using Logic
202C	Finding Facts
202D	Following Directions
202E	Relying on Reason
203A	Knowledge
203B	Comprehension
203C	Application
203D	Analysis
203E	Synthesis
203F	Evaluation

The sentences in each group below are about the same topic. One gives more information than the others. Read the sentences in each group. Make a star ★ in front of the one that gives the MOST facts. Make an X in front of the one that gives the FEWEST facts.

1. ___ a. Jim ate a hot dog.
 ___ b. Jim ate something.
 ___ c. Jim ate a roasted hot dog.

2. ___ a. They laughed at the clown.
 ___ b. The boys chuckled at the fat clown.
 ___ c. He made them laugh and laugh.

3. ___ a. The math problems on page 6 are hard.
 ___ b. These math problems are hard.
 ___ c. This page is hard.

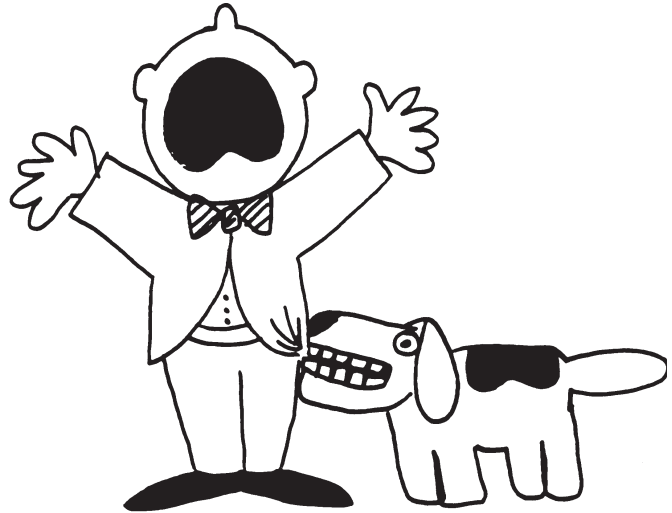
4. ___ a. Jake has lost some of his lunch money.
 ___ b. Jake says he lost some money.
 ___ c. Jake lost twenty cents of his lunch money.

5. ___ a. I think a few kids were absent today.
 ___ b. Two girls were absent today in my class.
 ___ c. Of the twelve girls in my class, two were absent.

6. ___ a. We are going later this afternoon.
 ___ b. Sam and I are going to the movie at three today.
 ___ c. Sam and I are going at three o'clock.



We can often say the same thing in different ways. Read the two sentences in each group below. If they mean the same thing, write SAME on the line. If they mean different things, write DIFFERENT on the line.



1. That is a very unusual-looking insect.
That insect is one that is not very common.

2. Sam soon discovered where the box was hidden.
Sam told us where the box was hidden.

3. I don't think we had better bother him now.
It's not a good idea to disturb him now.

4. Trisha has known how to swim for a year.
Trisha learned to swim a year ago.

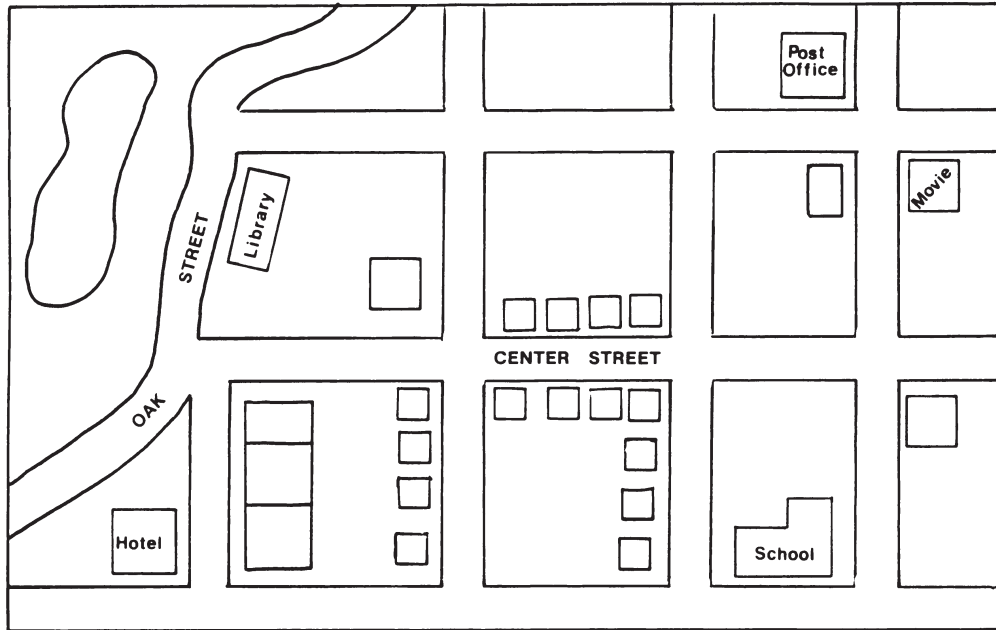
5. The parade halted at the corner.
The parade marched ahead at the corner.

6. Ted was careful not to misdial the phone.
Ted dialed the phone carefully.

7. Steve was pleasantly surprised to get your letter.
Steve was not real happy about your letter.

8. The watchdog had a dislike for people.
The watchdog was not too fond of people.

When giving directions, it is very important to give COMPLETE directions. If not, someone can get very lost! Use the map to complete the activities below.



1. Follow these directions to get from the hotel to the movie theater: Go north on Oak Street to Center. Turn right. Go three blocks and turn. Go one more block and the movie theater is on the southeast corner.

What was left out? _____

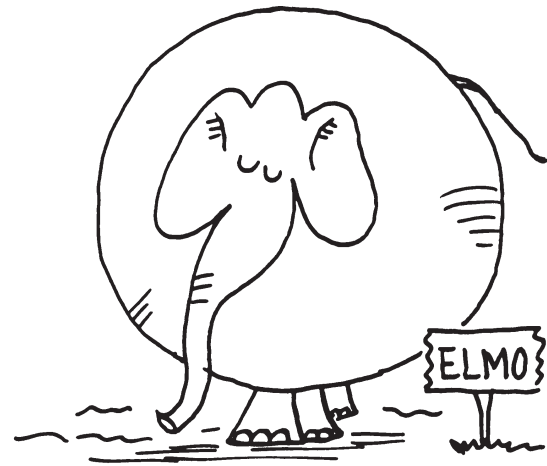
If you turned the wrong way, in what direction would you be going? _____

2. You are delivering a package to Mr. Gyp's house. These are the directions he gave: Start at the post office. Go west two blocks. Turn left. Go to Center and turn left again. Leave the package by the front door.

What was left out? _____

3. Give complete directions for getting from the school to the library. See if someone can follow your directions.

Each sentence below has three possible replies. Choose the one that makes sense and write it on the line. (You may need to use a dictionary for some words.)



1. **Sandy's pride was hurt when she lost the tennis match.**

- She's had several accidents lately.
 - She was a good sport, anyway.
 - Did she have to go to the doctor?
-

2. **Elmo is getting rather plump.**

- He wasn't nice to me either.
 - It's because he hasn't eaten much.
 - He's gained fifteen pounds.
-

3. **I don't care much for poetry.**

- You might if you read it more.
 - I don't like rain either.
 - You never were good at sports.
-


4. **My mom screams if she sees a rodent.**

- The traffic has been awful lately.
 - My mom is scared of mice.
 - I've noticed how noisy your mom is.
-

5. **The boys were exhausted after their hike.**

- They should have worn warmer clothes.
 - What time is the ballgame tomorrow?
 - Maybe they shouldn't have gone so far.
-

An idea can be said in more than one way. Read these sayings. Find the sentence in the box that means the same thing. Write it on the line.

	<ol style="list-style-type: none">1. Sometimes it's better to have a little bit than nothing at all.2. Treat people the way you want them to treat you.3. What you do is more important than what you say.4. Too many people can mess things up.5. You are like the people you choose to spend time with.6. Work is easier if everyone pitches in to help.
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1. Actions speak louder than words.

2. Birds of a feather flock together.

3. Half a loaf is better than none.

4. Many hands make light work.

5. Too many cooks spoil the broth.

6. Do unto others as you would have others do unto you.

To solve a problem, you need all the information about the problem. Sometimes important information can be missing.

Read the problems below. On the line, write what information is missing.

1. Farmer Riley had 72 acres of radishes planted on his farm. The rest of the farm was planted with carrots. How many acres of carrots did he have?

2. The Party Place sold 35 packages of balloons one week and 27 packages the second week. How many packages did they sell in three weeks?

3. Harvey's Hardware sold hand drills and power drills. They had 12 power drills in stock. How many drills did they have all together?

In the problems below, there is EXTRA information. Read each problem. Cross out the facts you do NOT need.

4. The Whizzer Wagon Works made 63 wagons in nine days. They made 27 sleds. How many wagons did they make each day?
5. Peppy's Pet Store had 7 kittens. Three were black and four were tan. Each kitten ate 5 cans of food a week. How many cans of food did they eat in a week?
6. The Droneville Dribblers scored 24 points the first half and 37 points the second half. Thirteen of the points were on free throws. How many total points did they score in the game?

