

Analyzing Single-Drug Treatments



Name _____ Date _____

Drug A



BUILD Design Details

Malaria Treatment:
7 days of Drug A at
SMALL doses



TEST Test Results

Percentage of Parasite Population
with High Resistance

A

B

C

Total Parasite
Population

- Decrease
- No change
- Increase
- Large Increase

Total Cost for 1000
Treatments (\$)

Patient
Side Effects

- None
- Mild
- Moderate
- Severe

OBSERVATIONS:

Drug B



BUILD Design Details

Malaria Treatment:
7 days of Drug B at
SMALL doses



TEST Test Results

Percentage of Parasite Population
with High Resistance

A

B

C

Total Parasite
Population

- Decrease
- No change
- Increase
- Large Increase

Total Cost for 1000
Treatments (\$)

Patient
Side Effects

- None
- Mild
- Moderate
- Severe

OBSERVATIONS:

Drug C



BUILD Design Details

Malaria Treatment:
7 days of Drug C at
SMALL doses



TEST Test Results

Percentage of Parasite Population
with High Resistance

A

B

C

Total Parasite
Population

- Decrease
- No change
- Increase
- Large Increase

Total Cost for 1000
Treatments (\$)

Patient
Side Effects

- None
- Mild
- Moderate
- Severe

OBSERVATIONS:

Pros and Cons of Antimalarial Drugs



Name _____ Date _____

1. List the pros and cons of each drug, based on the test results for each single-drug treatment.
2. Later, while reading Chapter 5: “Designing Antimalarial Drugs” in the Dossier, add additional pros and cons for each drug type.

	Pros	Cons
DRUG A		
DRUG B		
DRUG C		