

Name_____

Period___ Date_____

THE CHECKS LAB WORKSHEET KEY

1. Tentative Explanation #1: [Any reasonable explanation that involves all selected checks is OK]
2. Tentative Explanation # 2:
3. Tentative Explanation # 3:
4. Final Tentative Explanation: [Don't tell students this, but there is no actual story here; all checks are fictitious. Therefore, the class can decide which team's explanation seems like the most likely one – for now. That's what scientists do!]

Questions for Discussion:

1. What bits of information on the checks were **valuable** to your group in formulating a tentative explanation?
Students should notice and consider such things as dates (for sequence and season), whose checks they were, who signed each check, who the checks were made out to, the amount, and reason (if given).
2. What information was **useless**?
3. List any **misleading** information that was presented.
4. Why do we say that an explanation in science is "**tentative**?"
[Something like:] Because new data/information may not fit previous explanation, so new one must be developed.
5. What 's another word for a "**tentative explanation**?" [Depending on age or experience, some students should recognize "Hypothesis" as the word for this.]
6. Could your **hypothesis** become a **theory**? If so, how? [Not all students may know this yet]
Usually not directly. For a hypothesis to contribute to a theory, it must be tested (challenged) many times and be combined with other observations and tested hypotheses.
7. What's the difference between a **hypothesis** and a **theory**? [Not all students may know this yet]
A hypothesis is a very tentative explanation, relatively untested, for something puzzling.
A theory is a much better established explanation, based on tested hypotheses, and more observations.
A theory is still "tentative," still subject to change, but less likely than a hypothesis. It's more durable.
8. Is your final hypothesis "**correct**"? Explain. [Not all students may know this yet]
Hypotheses are never correct, but some are better than others. The best hypotheses must account for all known data, be logical, and be testable.
9. How could you "test" your hypothesis – i.e., what could you do to show your hypothesis is *not* correct?
Look for more clues to see if they fit the current hypothesis, or not.
10. Besides science being **tentative** and scientists **collaborating**, what other characteristic of science not often realized did you experience? [Not all students may know this yet]
Students may notice that bias, opinions and personal experiences do influence hypothesis formation.
They may also recognize that hypotheses must be tested (challenged) to arrive at best hypothesis. They may also notice that this was not experimental. Scientists often have to use clues to figure out what happened in the past, and gather more clues to test those ideas.

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

Sept 16 1977

16-66/1220

Pay to the
order of

Forest Lawn Mortuary \$1650.⁰⁰/_{xx}
Sixteen hundred and fifty Dollars

Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

William Whitney Sr.

⑆ 1 2 200066 ⑆ ⑆ 4660 ⑆ 09204 ⑆ 04525 ⑆

SEA OTTER

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

Oct 12 1977

16-66/1220

Pay to the
order of

Mothers Against Drunk Driving \$200.⁰⁰/_{xx}
Two hundred and 00⁰⁰/_{xx} Dollars

Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

Mary Whitney

⑆ 1 2 200066 ⑆ ⑆ 4661 ⑆ 09204 ⑆ 04525 ⑆

KIT FOX

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

Oct 21 1977

16-66/1220

Pay to the
order of

One Day Body and Paint \$7,600.⁰⁰/_{xx}
Seven thousand six hundred 00⁰⁰/_{xx} Dollars

Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

William Whitney Sr.

⑆ 1 2 200066 ⑆ ⑆ 4662 ⑆ 09204 ⑆ 04525 ⑆

BALD EAGLE

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

Nov 8 1977

16-66/1220

Pay to the
order of

St. Joseph's Hospital \$3200.⁰⁰/_{xx}
Three thousand two hundred Dollars

Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

Bill Whitney

⑆ 1 2 200066 ⑆ ⑆ 4663 ⑆ 09204 ⑆ 04525 ⑆

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

Dec 6 1975

16-66/1220

Pay to the
order of

Newport Import Motors \$18,500.00
Eighteen thousand five hundred

Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

William Whitney

⑆ 1 2 200066 1 ⑆ 4659 ⑆ 09204 ⑆ 04525 ⑆

SEA OTTER

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

Feb. 12 1976

16-66/1220

Pay to the
order of

A-1 Dry Cleaners \$36.57
Thirty six and 57/100 Dollars

Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

Mary Whitney

⑆ 1 2 200066 1 ⑆ 4656 ⑆ 09204 ⑆ 04525 ⑆

KIT FOX

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

June 12 1976

16-66/1220

Pay to the
order of

Computer Warehouse \$4100.00
Four thousand one hundred Dollars

Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

William Whitney Sr.

⑆ 1 2 200066 1 ⑆ 4657 ⑆ 09204 ⑆ 04525 ⑆

BALD EAGLE

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

June 18 1977

16-66/1220

Pay to the
order of

Orange County Emergency \$634.00
Six hundred thirty four Dollars

Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

W.A. Whitney

⑆ 1 2 200066 1 ⑆ 4658 ⑆ 09204 ⑆ 04525 ⑆

W.A. WHITNEY
10809 MEADS
ORANGE, CA 92669

Feb 4 1978

16-66/1220

Pay to the order of Sportmart \$1250.00/xx
One thousand two hundred fifty Dollars

 Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

William Whitney

⑆ 1 2 200066 ⑆ ⑆ 4664 ⑆ 09204 ⑆ 04525 ⑆

BALD EAGLE

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

March 18 1978

16-66/1220

Pay to the order of C. Garcia, Attorney-at-Law \$500.00/xx
Five hundred and 00/100 Dollars

 Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

Mary Whitney

⑆ 1 2 200066 ⑆ ⑆ 4668 ⑆ 09204 ⑆ 04525 ⑆

SANDHILL CRANE

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

April 4 1979

16-66/1220

Pay to the order of Acme Driving Academy \$200.00/xx
Two hundred and 00/xx Dollars

 Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

Bill Whitney

⑆ 1 2 200066 ⑆ ⑆ 4669 ⑆ 09204 ⑆ 04525 ⑆

BIGHORN SHEEP

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

June 16 1979

16-66/1220

Pay to the order of Judge J. Lourdagin \$500.00
Five hundred and 00/xx Dollars

 Bank of America

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For

William Whitney Sr.

⑆ 1 2 200066 ⑆ ⑆ 4670 ⑆ 09204 ⑆ 04525 ⑆

W.A. WHITNEY
10809 MEADS
ORANGE, CA 92669

April 13, 1963

16-66/1220

Pay to the order of Liquor Barn \$1200.00xx
Twelve hundred and 00/100 Dollars

 **Bank of America**

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For _____

W.A. Whitney

⑆ 1 2 200066 1 ⑆ 465 ⑆ 09204 ⑆ 04525 ⑆

KIT FOX

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

June 10, 1963

16-66/1220

Pay to the order of Goldsteins Jewelers \$900.00xx
Nine hundred and 00/100 Dollars

 **Bank of America**

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For _____

W.A. Whitney

⑆ 1 2 200066 1 ⑆ 4652 ⑆ 09204 ⑆ 04525 ⑆

BALD EAGLE

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

Aug. 10, 1968

16-66/1220

Pay to the order of Kids R Us \$875.00xx
Eight hundred seventy five Dollars

 **Bank of America**

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For _____

W.A. Whitney

⑆ 1 2 200066 1 ⑆ 4653 ⑆ 09204 ⑆ 04525 ⑆

SANDHILL CRANE

Mr. and Mrs. William A Whitney
See Vee Lane P.O. Box 103
Bishop, CA 93515

May 14, 1975

16-66/1220

Pay to the order of Oceanview Academy \$3800.00xx
Three thousand eight hundred Dollars

 **Bank of America**

Bishop Branch 0920
P.O. Box 817
Bishop, CA 93514

For _____

Mary Whitney

⑆ 1 2 200066 1 ⑆ 4654 ⑆ 09204 ⑆ 04525 ⑆