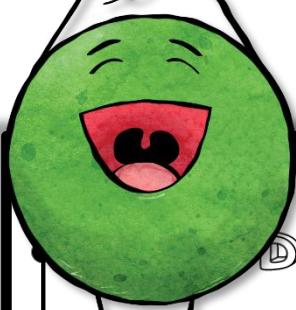


Draw Inferences

Practice Worksheet



Draw Inferences

Worksheet Practice

Directions: Solve the following problems on drawing inferences. Make sure to bubble in your answers below on each page so that you can check your work. Show all of your work!

1 Which is an inference that can be made about the following random samples?

Sample	Pie	Cake	Total
#1	45	52	100
#2	44	56	100

- a. People prefer cake.
- b. People prefer pie.

2 Which is an inference that can be made about the following random samples?

Sample	Bagel	Donut	Total
#1	31	69	100
#2	49	51	100

- c. People prefer bagels.
- d. People prefer donuts.

3 Which is an inference that can be made about the following random samples?

Sample	Bagel	Donut	Total
#1	31	69	100
#2	49	51	100

- e. More people in Sample #1 liked bagels over Sample #2.
- f. More people in Sample #2 liked bagels over Sample #1.

4 Which is an inference that can be made about the following random samples?

Sample	Bagel	Donut	Total
#1	31	69	100
#2	49	51	100

- g. More people in Sample #1 liked donuts over Sample #2.
- h. More people in Sample #2 liked donuts over Sample #1.

5 Which is an inference that can be made about the following random samples?

Sample	Tamales	Tacos	Total
#1	58	42	100
#2	45	55	100

- i. More people in Sample #1 liked tamales over Sample #2.
- j. More people in Sample #2 liked tamales over Sample #1.

6 Which is an inference that can be made about the following random samples?

Sample	Tamales	Tacos	Total
#1	58	42	100
#2	45	55	100

- k. More people in Sample #1 liked tacos over Sample #2.
- l. More people in Sample #2 liked tacos over Sample #1.

7 Which is an inference that can be made about the following random samples?

Sample	Rice	Pasta	Total
#1	250	250	500
#2	200	300	500

- m. People prefer rice.
- n. People prefer pasta.

Name: _____

Date: _____

Period: _____

10 Which is an inference that can be made about the following random samples?

Sample	Math	Science	Total
#1	111	139	250
#2	128	122	250

- E. More than half of those surveyed prefer math.
- F. More than half of those surveyed prefer science.

11 Which is an inference that can be made about the following random samples?

Sample	Train	Car	Total
#1	124	326	450
#2	89	361	450

- G. Less than 1/4 of those surveyed prefer train.
- H. More than 1/4 of those surveyed prefer train.

Answers

Bubble in your answers below for problems #8-14.

- A. C.
- B. D.
- D. E.
- G. F.
- H. L.
- I. N.
- K. M.

Answers

Bubble in your answers below for problems #1-7.

- g. e.
- d. d.
- c. j.
- h. f.
- k. b.
- n. l.
- i. m.

Great Practice!

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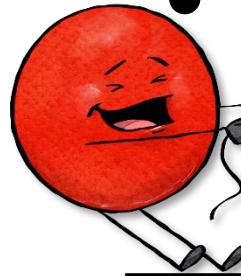
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Math in Demand



Teacher Notes

- Make sure that students bubble in their answers for the front page (#1-7) and the back page (#8-14). The bubbles allow students to check their answers and results in a more confident student. In addition, it makes it a lot easier for you to do a quick “checking for understanding” when you have the answer key and can compare the bubbles shaded in.
- Make sure that students show their work! Space is given so that students can demonstrate their knowledge of the concept. I do not give students credit if they do not show their work. Also, students need to give a nice reflection (2-3 sentences)!
- You can decide if you want to use the score in the top left.
- If you have any questions or concerns, please email me at mathindemand@hotmail.com.

Score (____/____)

Name: _____

Date: _____

Period: _____

Draw Inferences

Worksheet Practice

Directions: Solve the following problems on drawing inferences. Make sure to bubble in your answers below on each page so that you can check your work. Show all of your work!

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Answers

Bubble in your answers below for problems #1-7.

- g. e.
- a. d.
- c. j.
- h. f.
- k. b.
- n. l.
- i. m.

8 Which is an inference that can be made about the following random samples?

Sample	TV	Movies	Total
#1	167	133	300
#2	148	152	300

- A. Less than half of those surveyed prefer TV.
- B. More than half of those surveyed prefer TV.

9 Which is an inference that can be made about the following random samples?

Sample	Run	Swim	Total
#1	133	267	400
#2	99	301	400

- C. Less than $\frac{3}{4}$ of those surveyed prefer swimming.
- D. More than $\frac{3}{4}$ of those surveyed prefer swimming.

10 Which is an inference that can be made about the following random samples?

Sample	Math	Science	Total
#1	111	139	250
#2	128	122	250

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- F. More than half of those surveyed prefer science.

11 Which is an inference that can be made about the following random samples?

Sample	Train	Car	Total
#1	124	326	450
#2	89	361	450

- G. Less than $\frac{1}{4}$ of those surveyed prefer train.
- H. More than $\frac{1}{4}$ of those surveyed prefer train.

12 Which is an inference that can be made about the following random samples?

Sample	Milk	Juice	Total
#1	397	203	600
#2	404	196	600

- I. Less than $\frac{2}{3}$ of those surveyed prefer milk.
- J. More than $\frac{2}{3}$ of those surveyed prefer milk.

13 Which is an inference that can be made about the following random samples?

Sample	Vanilla	Chocolate	Total
#1	181	169	350
#2	172	178	350

- K. More than half of those surveyed prefer vanilla.
- L. More than half of those surveyed prefer chocolate.

14 Which is an inference that can be made about the following random samples?

Sample	Carrots	Spinach	Total
#1	366	184	550
#2	372	178	550

- M. Less than $\frac{1}{3}$ of those surveyed prefer math.
- N. More than $\frac{1}{3}$ of those surveyed prefer science.

Answers

Bubble in your answers below for problems #8-14.

- A.
- C.
- B.
- J.
- D.
- E.
- G.
- F.
- H.
- L.
- I.
- N.
- K.
- M.

Reflection: From this activity, I learned...

Score (___ / ___)

Draw Inferences

Worksheet Practice

ANSWER KEY

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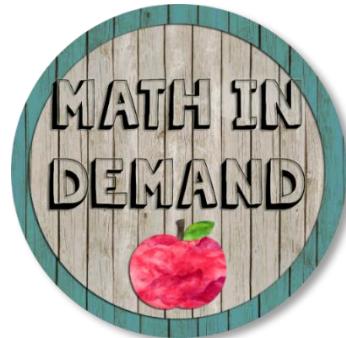
- A. C.
- B. J.
- D. E.
- G. F.
- H. L.
- I. N.
- K. M.

Reflection: From this activity, I learned...

Answers will vary!

Recommendations

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