

Name: _____

Date: _____

Statistical Questions

1. Statistics:

2. _____: facts and statistics collected together for reference or analysis.

3. A _____ question is one for which you do not expect to get a single answer.

4. A statistical question leads to a _____ of answers.

5. Questions that are not statistical are questions for which you expect to get a _____ answer.

6. What is an example of a statistical question?

7. What is an example of a non-statistical question?



8. Determine whether each question is statistical or not when asked to 20 different students.

What is your favorite color?

Statistical

Non-Statistical

Who is the president of the USA?

Statistical

Non-Statistical

What is the atomic number of Carbon?

Statistical

Non-Statistical

What is the best book you read this summer?

Statistical

Non-Statistical

How old were you when you lost your first tooth?

Statistical

Non-Statistical

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Practice: Statistical Questions

Decide whether each question is a statistical question. Justify your answer. Assume that each question is being asked to a group of 20 students in the same class.

<p>#1 How many states are there in the United States of America?</p>	<p>#2 What size shoe do you wear?</p>
<p>#3 How long does it take you to get to school each day?</p>	<p>#4 What is Albert Einstein's birthday?</p>
<p>#5 Where is the Grand Canyon located?</p>	<p>#6 How many different sports do you play?</p>
<p>#7 On what day of the week were you born?</p>	<p>#8 What is the tallest building in the country?</p>

Statistical Questions Color and Solve

Decide if the question is a statistical question.	Yes?	No?
How many students are in Ms. Dean's first period class?	Color the hair brown.	Color the hair black.
How many songs do students have on their iPods?	Color the jersey green.	Color the jersey blue.
How many siblings does each student have?	Color the shorts yellow.	Colors the shorts red.
How much did the baby weigh when she was born?	Color the socks blue.	Color the socks green.
How many days are there in the school year?	Color the cleats green.	Color the cleats yellow.
What is each student's favorite movie?	Color the soccer ball pink.	Color the soccer ball purple.
How many nickels are in a dollar?	Draw a yellow sun.	Draw an orange sun.
What is each student's favorite subject?	Draw a sidewalk.	Draw green grass.
How tall is each student?	Draw flowers.	Draw a dog.



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Statistical Questions Color and Solve





Name:

RACES Rubric

	5 pts	2.5 pts	0 pts
<u>R</u>	Restated the question completely.	Attempted to restate the question but was unsuccessful.	Did not attempt to restate the question.
<u>A</u>	Considered all parts of the question and answered each part accurately.	Missed part of the question OR didn't consider all parts of question OR attempted to answer but did not answer correctly.	Did not attempt to answer the question at all.
<u>C</u>	Properly cited adequate evidence from the text that supported the answer.	Evidence used either did not support the answer or was not correctly used.	Did not attempt to cite text evidence.
<u>E</u>	10pts Made a connection with the text and clearly explained how it supported your answer.	5pts Attempted to make a connection to the text and answer but was unable to explain its relationship clearly.	0pts Did not attempt to explain OR made no clear connection.
<u>S</u>	Summarized response by clearly restating question and answer.	Attempted to summarize but did not restate question or answer.	Did not attempt to summarize.
<u>SENTENCES STARTERS</u>	Properly used a Sentence Starter for each RA, C, E, S sentence.	Attempted to use sentences starters for most sentences in response.	Used only one sentence starter OR Did not attempt to use many.
<u>Underlined RACES</u>	Underlined all of RACES correctly	Underlined some of RACES correctly	Didn't Underline
<u>Mechanics</u>	Few spelling and grammar errors; correct punctuation; complete sentences	Some spelling and grammar errors; most sentences have punctuation and are complete; uses upper- and lowercase	Many spelling, grammar, and punctuation errors; sentence fragments; incorrect use of capitalization

Total: _____ / 45 points