

The student's name was blurred to ensure privacy.

Quiz 1

Measurements: How far away?

Name: \_\_\_\_\_

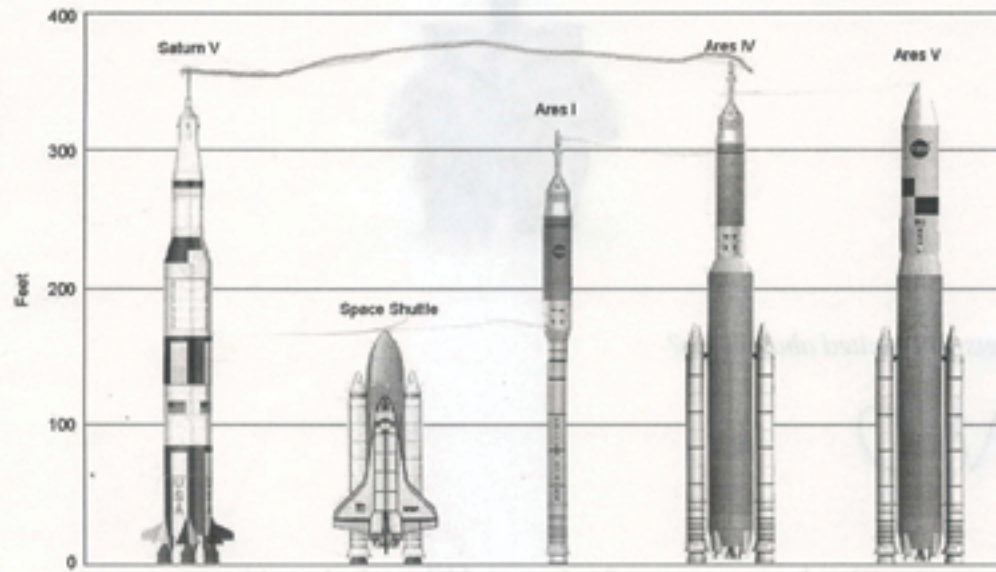
1

1. Put numbers below in increasing order

4 9 12 10 0 6 1

1. Correct response: The student correctly wrote the given numbers in the boxes in increasing order.

0 1 4 6 9 10 12



2. A. Which rocket is the shortest?

spaceshuttle

B. Which rocket is the tallest?

Ares IV

C. What is the difference in their heights?

170 -

2C. Incorrect response: Although the student gave a close approximate answer, the student was told to place his/her answer to the nearest hundred units. The actual answer should have been 200 (ft).

3. Put numbers below in decreasing order

More questions on the next page->

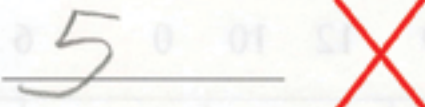
16 3 8 0 11 7 9



3. Correct response: The student placed the given set of numbers in the boxes in decreasing order.

16 11 9 8 7 3 0

4. Using the ruler measure Wall-E's height in inches: 5



4. Incorrect response: The student's measurement of the given figure is incorrect. The answer was supposed to be 2 (in).

5. What gets you excited about math?

NO

6. If you were given the chance to create this lesson which method would you use:

- a. Lecture
- b. Read textbook
- c. Watch movie
- d. Conduct hands - on activity
- e. Research on the internet

7. Do you think robotics can be helpful when used to collect data in math experiments?

- a. Yes
- b. No
- c. Unsure

Quiz 2

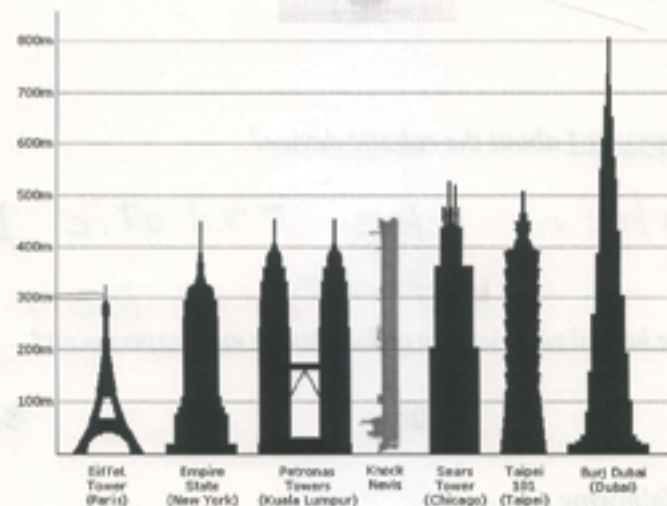
Measurements: How far away?

Name: \_\_\_\_\_

1. Using the ruler measure EVE's height in inches: 2 **X**



1. Incorrect response:  
The student incorrectly measured the figure using the ruler. The answer, to the closest half-inch, was supposed to be 1 in.



2. A. Which building is the shortest?

Eiffel tower

B. Which building is the tallest?

Burj Dubai (Dubai)

C. What is the difference between the height of the tallest and shortest building?

500m

2C. Correct response:  
The student correctly determined the difference in height of the two tallest structures and rounded to the nearest hundred units.

3. Put numbers below in decreasing order

1 11 2 0 13 5 3

13	11	5	3	2	1	0
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3. Correct response:  
The student placed the given set of numbers correctly in decreasing order.

More questions on the next page->

4. Put numbers below in increasing order

2 0 8 5 10 6 1

0	1	2	5	6	8	10
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4. Correct response:  
The student correctly placed the given set of numbers in increasing order

5. What did you like or dislike about the lesson?

yes

6. What did you LIKE or DISLIKE about the robotic device?

I like when the robotic drew a red line at first but then it mess

7. Do you think robotics can be helpful when used to collect data in math experiments?

A. YES B. NO C. UNSURE

8. Rate this lesson using the following

A. STRONGLY DISLIKED B. DISLIKED C. LIKED D. STRONGLY LIKED

9. What gets you excited about math?

When I first saw the robotic draw a line on the tang.

10. Do you think the use robotics to collect data:

A. MADE THE LESSON EASIER B. MADE THE LESSON HARDER C. MADE NO DIFFERENCE IN THE LESSON

11. If you were given the chance to create this lesson which method would you use:

A. RESEARCH ON THE INTERNET B. LECTURE C. READ A TEXTBOOK D. CONDUCT HANDS - ON ACTIVITY E. WATCH A MOVIE