Test: Algebra I

If you need a ruler to answer a question use the question from a higher copy of your test and either the customary or metric ruler from the front or back of the paper copy of your test chart.

Q1
The student council sent its members on four field trips during the school year. The number of buses needed to transport the members on each trip is a function of the number of members who went on each trip. This function consists of any one of the ordered pairs (52, 3), (72, 4), (86, 5), and (105, 6). What is the domain for this situation?
A (52, 105)
B (3, 4, 5, 6)
C (52, 72, 86, 105)
D (3, 4, 5, 6, 32, 72, 86, 105)

Q2
The data set below shows the relationship between number of books, y, and bookshelf length, x.

<table>
<thead>
<tr>
<th>Bookshelf Length (x in ft)</th>
<th>Number of Books, y</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>20</td>
</tr>
<tr>
<td>13</td>
<td>24</td>
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<tr>
<td>14</td>
<td>32</td>
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<tr>
<td>15</td>
<td>36</td>
</tr>
<tr>
<td>24</td>
<td>48</td>
</tr>
</tbody>
</table>

Does this relationship show a direct variation between x and y? If so, identify the constant of variation and write the direct variation equation.
A No, the data set does not represent a direct variation.
B Yes, the data set represents a direct variation with k = 2. The equation is y = 2x.
C Yes, the data set represents a direct variation with k = 3. The equation is y = 3x.
D Yes, the data set represents a direct variation with k = 2. The equation is y = 2x.
3. The equation of a line containing one leg of a right triangle is \( y = -4x \). Which of the following equations could represent the line containing the other leg of the triangle that passes through the point \((-50, 0)\)?

A. \( y = \frac{1}{4}x + 12 \)
B. \( y = \frac{1}{2}x - 12 \)
C. \( y = 4x + 07 \)
D. \( y = -4x - 73 \)

14. The graph of line \( g \) is shown below.

A. Which equation describes a line parallel to line \( g \) that has an \( x \)-intercept at \((-5, 0)\)?

A. \( y = 2x - 1 \)
B. \( y = \frac{1}{2}x - 1 \)
C. \( y = -3x - 3 \)
D. \( y = 3x + 3 \)

15. A new spiral notebook costs \( 3x \) more sheets of paper than a new memo book. The total number of sheets of paper in 3 new spiral notebooks and 5 new memo books is 610. Which system of equations can be used to find \( x \), the number of sheets of paper in one new spiral notebook, and \( m \), the number of sheets of paper in one new memo book?

A. \( s - m = 30 \)
B. \( 3s + 5m = 610 \)
C. \( s - m = 30 \)
D. \( 5s + 3m = 610 \)
Q6: Which of the following equations has the same slope as $2x - 3y = 6$?

A. $y = \frac{2}{3}x - 6$
B. $10x - 15y = 30$
C. $y = 3x - 6$
D. None

Q7: A table of values for two linear functions, $f(x)$ and $g(x)$, are shown below.

<table>
<thead>
<tr>
<th>$x$</th>
<th>$f(x)$</th>
<th>$g(x)$</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td>-2</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>-1</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

Which of the following represents the system of equations for $f(x)$ and $g(x)$?

A. $f(x) = x - 1.5$
B. $g(x) = 4x$
C. $f(x) = 3x - 4$
D. $g(x) = x + 2$

Q8: The function $y = 6 + 1.25x$ can be used to find the cost of joining an online music club and buying $x$ songs from the website. Based on this information, which statement about this situation is true?

A. The rate of change is 6 for every song bought from the website.
B. The rate of change is $1.25$ for every song bought from the website.
C. The rate of change of the graph represents the total number of songs bought by members of the club.
D. The rate of change of the graph represents the number of songs each member buys when visiting the website.
A. The graphs of the equations for the black ink and colored ink printers have the same y-intercept.
B. Both printers print at the same rate.
C. The graph for the equation of the colored ink printer will have a steeper slope than the graph of the equation for the black ink printer.
D. The graphs of the equations for the black ink and colored ink printers have the same x-intercept.

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Test:
English I Benchmark

Read the passage on your own from the paper copy given to you. You may listen to the corresponding questions as they are read to you using the audio feature from this online test.

Q11
Read the passage, "Friend Yourself." Then, you may listen to questions 11-36 before choosing your answer to the corresponding questions.

11. Which of the following could replace sentence 3 and better articulate the position Kayla is trying to take in this paper?

A. However, in recent years the line between the two has blurred, making it more important than ever for people to be cognizant of how they present themselves online.
B. However, in today's world, when Internet activity is seen as a common occurrence, an entire person's self must be separated from real-life activities and interests.
C. People could act and talk a certain way online, but in real life they may be totally different.
D. Social networking, through websites as Facebook, Twitter, and Instagram, is common today among teens, adults, and even the elderly.

Return to Question 10
12. What is the most effective revision to make in sentence 5?
A. It’s easy to stop a photo and load it on a website, then a quick synopsis is typed out of where they are and what they’re doing.
B. Stop a photo, load it on a website, and type out a quick synopsis of where they are and what they’re doing.
C. It’s easy to stop a photo and load it on a website, then a quick synopsis of where they are and what they’re doing.
D. No revision is needed in the sentence.

13. Sentence 8 contains an effective revision that affects the clarity of the sentence. What is the best way to revise this sentence?
A. Change actions to verbs
B. Change that to which
C. Change someone to a person
D. Change he to he

14. Kayla wants to provide a stronger transition between the second paragraph (sentences 11-12) and the third paragraph (sentences 13-16). Which of the following could best replace sentence 13 and accomplish this goal?
A. There are also dangers in posting other kinds of information online.
B. Some employers will be concerned about information you may have posted many years ago.
C. Listen to this story about what happened to one couple.
D. Be cautious of giving out information about other people, too.
(14) It's important for people to remember that when they let the social networking world know where they are, they may also be letting thousands of people know where they're not.

Kevan wants to add a quotation that will help support the idea presented in sentence 14. Analyze the context below. Which of these would be the most effective to insert after sentence 14?

A. "We're all social creatures," says magazine editor.
B. "Our head of social media is the customer," said a spokesperson for one well-known company.
C. One state official noted, "It's the same as giving the key to your house to a burglar!"
D. "The founder of Facebook once said, "When you give everyone a voice and give people power, the system usually ends up in a really good state."

Stop

You have now completed all of the questions for this test. Please take time to go back over all of your answer choices.

When you are finished going over your answer choices, please raise your hand to let the teacher know you are finished.

Click on the item number you wish to return to.

<table>
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<th>0.05</th>
<th>0.06</th>
<th>0.08</th>
<th>0.09</th>
</tr>
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<tbody>
<tr>
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<td>0.13</td>
<td>0.14</td>
<td>0.16</td>
<td>0.18</td>
</tr>
</tbody>
</table>
Clear Creek ISD

- Southeast of Houston
- 41,000+ Students
- 13 Municipalities
- 10% Special Education
- ~5% Previously took STAAR Modified
Why STAAR A Simulation?

- More "online" practice opportunities for students
- Data to support ARD decisions
- Students and Adults more at ease
- Opportunities for higher student achievement

What does it look like?

Algebra I/English II Assessment Questions

How can you create the same type of assessments?

Creating Assessments
- Download Template
- Do not re-arrange slides; otherwise, the hyperlinks to "return to question #" will not work correctly.
- Use OneNote screen clipping (use shortcut) to select and copy question, then paste (Ctrl + v) into the corresponding slide. (For Reading tests, only include the pre-reading introduction, the question, and answer choices—not the reading passages. Reference the name of the reading passage on the first question that corresponds with the passage.)
- After all questions have been entered, delete remaining question slides (up to 60). Then, delete the unneeded question numbers from the "return to question #" slide.
How can you create the same type of assessments?

Creating Assessments

- For each question: Insert, Audio, Record Audio, (click on red record button, read the question clearly and slowly, press blue stop button, OK), move to the top left corner, under the question number.
- If there are any questions (should not be very many) that need a clarification/definition or rollover, copy tools (e.g. select the blue underline, press and hold Shift, then select the definition) from the last slide then paste them into the slide with the question. Adjust the length and 'text as necessary.
- Delete the last slide with the tools.

How can you create the same type of assessments?

- Go to File, Info, Protect: Presentation, Encrypt with Password (use MMYY)
- Save PPT test with the following naming convention for File name:
  - For grades K-8, "1516 Subject Gr Test Name MMYY"
  - For grades 9-12, "1516 Subject Test Name MMYY"
  - Example: 1516 Math 6th LEF Unit 3 1015
  - Example: 1516 ELA (Letter from Birmingham 1135
  - Example: 1516 US History Bill of Rights 1135
  - Example: 1516 Science Cell Safety 0913
- Save PPT test as a PPTShow: File, Save As, Browse, (Choose location), File Name (Same as PPT test, but remove MMYY), Save as type (PowerPoint Show).

How can you create the same type of assessments?

Administering the Test:

- Copy PowerPoint Show and paste into individual student folder
- Give student the Answer document, supplemental materials (reading passages, formula charts, hardcopy of questions that require a formula chart)
- Enable test for student by entering password for student when student is ready to begin.
- After student completes the test, delete the test from the student folder.
Link to Templates and Directions