Grade 8 Mathematics Practice Test

NeSA-ALTERNATE

Reading (NeSA-AAR), Mathematics (NeSA-AAM), and Science (NeSA-AAS, optional)
## NeSA ALTERNATE ASSESSMENT

### Reading – Grade ___

**ADMINISTRATOR’S TEST BOOK**

<table>
<thead>
<tr>
<th>ADMINISTRATOR’S TEST BOOK</th>
<th>Indicator #</th>
<th>Indicator Descriptor</th>
<th>DOK Level</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prepare</strong></td>
<td></td>
<td>Place student test page in front of the student.</td>
<td></td>
</tr>
<tr>
<td><strong>SAY</strong></td>
<td></td>
<td>Call student’s attention to the page.</td>
<td></td>
</tr>
<tr>
<td><strong>ASK</strong></td>
<td></td>
<td>Read these words. Indicate.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>blue car</td>
<td></td>
</tr>
</tbody>
</table>

**Text that is in bold print must be read by the Test Administrator** **word for word.**

**Information in italics is only for the Test Administrator and is not to be read aloud.**

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**STUDENT’S TEST BOOK**

**NeSA ALTERNATE ASSESSMENT**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Indicator Descriptor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>blue car</td>
</tr>
<tr>
<td></td>
<td>blue</td>
</tr>
<tr>
<td></td>
<td>red</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
</tr>
</tbody>
</table>

**Corresponding response numbers are only in the Test Administrator’s Manual and are used for recording student responses.**

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Nebraska Department of Education
### Administer's Guide for NeSA Alternate Assessment Mathematics - Grade 8

| ADMINISTRATOR'S TEST BOOK | Indicator MAE 8.1.3.d.3  
Method of Computation  
DOK Level 2, Stage 4 |
|---------------------------|----------------------------------|
| **Prepare**               | • Place student test page in front of the student.  
• Call student’s attention to the page. |
| **SAY**                   | Twenty students go on a field trip to the zoo. They each eat two hotdogs for lunch. |
| **ASK**                   | Which shows how to find the total number of hotdogs eaten?  
*Indicate and read answers.*  
(1) 20 + 2  
(2) 20 - 2  
(3) 20 × 2 |

```
20+2  20-2  20×2
```
20+2  20-2  20×2
**ADMINISTRATOR'S TEST BOOK**

**Indicator MAE 8.2.1.c.1**

**Parallel Lines**

**DOK Level 1, Stage 3**

**Prepare**
- Place student test page in front of the student.
- Call student's attention to the page.

**SAY**
Here are three pairs of lines. **Indicate.**

**ASK**
Which pair are parallel lines? **Indicate (but do not read) answers.**

1. parallel lines
2. perpendicular
3. crossed

---

**Diagram**

- Two parallel lines.
- Two perpendicular lines.
- Two crossed lines.
<table>
<thead>
<tr>
<th>ADMINISTRATOR'S TEST BOOK</th>
<th>Indicator MAE 8.3.3.c.1 One-step Equations DOK Level 2, Stage 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prepare</strong></td>
<td>Place student test page in front of the student.</td>
</tr>
<tr>
<td></td>
<td>Call student's attention to the page.</td>
</tr>
<tr>
<td><strong>SAY</strong></td>
<td>Here is an equation. <em>Indicate and read.</em></td>
</tr>
<tr>
<td></td>
<td>( x + 2 = 6 )</td>
</tr>
<tr>
<td><strong>ASK</strong></td>
<td>What will you do to find ( x ) ?</td>
</tr>
<tr>
<td></td>
<td><em>Indicate and read answers.</em></td>
</tr>
<tr>
<td></td>
<td>(1) subtract 2</td>
</tr>
<tr>
<td></td>
<td>(2) subtract 4</td>
</tr>
<tr>
<td></td>
<td>(3) subtract 6</td>
</tr>
</tbody>
</table>

\[ x + 2 = 6 \]

\[ \text{subtract 2} \quad \text{subtract 4} \quad \text{subtract 6} \]
\[ x + 2 = 6 \]

subtract 2  subtract 4  subtract 6
**ADMINISTRATOR’S TEST BOOK**

<table>
<thead>
<tr>
<th>Indicator MAE 8.4.1.e.5 Circle Graphs DOK Level 2, Stage 4</th>
</tr>
</thead>
</table>

**Prepare**
- Place student test page in front of the student.
- Call student’s attention to the page.

**SAY**
Here is a circle graph. *Indicate.*
The circle graph shows what students enjoy doing during free time at home.

**ASK**
Which activity do most children enjoy?
*Indicate and read answers.*
1. playing video games
2. reading books
3. watching movies

**Activities at Home**
- playing video games
- reading books
- watching movies

**Diagram**
- Movies
- Video games
- Books
Activities at Home

playing video games
reading books
watching movies