Note to analyst: This is the "start" screen for PSLC Navigation test script.
Correct Effect: “click” “Skill Model”
Design Idea: Should clicking the N take the researcher to a list of the students?
Criteria

- Sample Properties
- Content Properties
  - Curriculum
    - Unit
    - Section
    - Problem
    - Subgoal
    - Hint
- Model Properties
  - Skill Model
  - Error Model
- Student Action Properties
  - Attempt
  - Help Request

Criteria Detail

- Initial Skill Model
- Exponents
- Factoring
- Multiply Fractions
- Polynomial Factoring

Select the skill(s) you want to review.

Analysis Type: Learning Curve
Current Criteria:
  - Sample = All Students, Curriculum = Algebra, Skill Model = Initial,
  - Attempt = Incorrect

Relevant Statistics:
  - $Y=<$equation of curve$>$
  - $p=<$float$>$
  
Note to analyst: This is the "selectSkill" screen for PSLC Navigation test script.
Correct Effect: "uncheck" all but "Polynomial Factoring"
Note to analyst: This is the result screen for selecting “Polynomial Factoring” PSLC Navigation test script.

Correct Effect: “Click” either point 4 or the #4.
Possible Action: Minimize “Criteria Detail” panel
### Criteria Detail

#### Initial Skill Model
- Exponents
- Factoring
- Multiply Fractions
- Polynomial Factoring

<table>
<thead>
<tr>
<th>Problem Name</th>
<th>Subgoal #</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eggs in Basket</td>
<td>3</td>
<td>36</td>
</tr>
<tr>
<td>Sibling Rivalry</td>
<td>2</td>
<td>19</td>
</tr>
<tr>
<td>Puzzle Pieces</td>
<td>4</td>
<td>13</td>
</tr>
<tr>
<td>Soccer Scores</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>Puppies</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td>Mad Scientist</td>
<td>4</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 87

---

**Analysis Type:** Learning Curve

**Current Criteria:**
- Sample = All Students, Curriculum = Algebra, Skill Model = Initial,
- Skill = Polynomial Factoring, Attempt = Incorrect

**Relevant Statistics:**
- $Y = \text{equation of curve}$
- $p = \text{float}$

---

Note to analyst: This is the result screen for selecting “Polynomial Factoring” and clicking either point 4 or the #4. (PSLC Navigation test script)

Correct Effect: “Click” “Eggs in Basket”

Possible Action: Minimize “Criteria Detail” panel
Select the skill(s) you want to review.

Analysis Type: Learning Curve
Current Criteria:
Sample = All Students, Curriculum = Algebra, Skill Model = Initial, 
Skill = Polynomial Factoring, Attempt = Incorrect
Relevant Statistics:
Y=<equation of curve>
p=<float>

Note to analyst: This is the result screen for selecting “Polynomial Factoring” and minimizing the “Criteria Detail” panel. PSLC Navigation test script.
Correct Effect: “Click” either point 4 or the #4.
Note to analyst: This is the result screen for selecting “Polynomial Factoring”, minimizing the “Criteria Detail” panel and clicking on either point 4 or the #4. (PSLC Navigation test script)
Correct Effect: “Click” “Eggs in Basket”
Note to analyst: This is the Problem Profile screen for “Eggs in Basket.” (PSLC Navigation test script)
Correct Effect: “Click” the number incorrect.
### Analysis Type: Error Report

Current Criteria:
- Sample = All Students, Curriculum = Algebra, Problem = “Eggs in Basket”, Skill Model = Initial, Attempt = All

Relevant Statistics:

---

**Criteria**

- **Sample Properties**
- **Content Properties**
  - Curriculum
    - Unit
    - Section
  - Problem
    - Subgoal
    - Hint
- **Model Properties**
  - Skill Model
  - Error Model
- **Student Action Properties**
  - Attempt
  - Help Request

<table>
<thead>
<tr>
<th>id</th>
<th>Name</th>
<th>Skill</th>
<th>N</th>
<th>Correct</th>
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<tbody>
<tr>
<td>p7</td>
<td>Eggs in Basket</td>
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<td>21</td>
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<td>p7s1</td>
<td>Subgoal Name</td>
<td>skill1</td>
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<td>p7s2</td>
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<td>p7s3</td>
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<td></td>
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<td></td>
<td>6</td>
</tr>
</tbody>
</table>

**Correct Answer**
- X+3
- X-3: *Try this instead*
- Y: N/A

**Errors**
- X-3: *Try this instead*

**Feedback**
- *Try this instead.*
- N/A

Note to analyst: This is the error report screen.
Correct Effect: Note the 3 errors listed for Subgoal 3.