俄亥俄州測驗解釋準則小學三年級至中學二年級家庭報告

瞭解貴子女的 2018年春季測驗得分

Ohio's State Tests
GRADE 6
MATHEMATICS
SPRING 2018

這報告提供貴子女的得分報告中各個部分所代表的意義。以下為滅為一位名叫珍・史密斯的學生的報告樣本。得分和進度呈現在報告的樣式與珍的相同。

本準則適用於以下小學三年級至中學二年級科目的得分報告：
• 英語藝術：小學四年級至中學二年級
• 數學：小學三年級至中學二年級
• 科學：小學五年級至中學二年級

家長可以透過訪問近頁面下方顯示的網址找到資源和資訊。

免費聲明：家庭報告樣本中的數據只供示範，並不代表實際成績。樣本上的學生名稱乃屬虛構，如與真實學生名稱雷同則純屬巧合。

貴子女的名稱、出生日期、學校和校區與引言文字一同顯示在第一頁的上方。

家庭報告樣本中的數據只供示範，並不代表實際成績。樣本上的學生名稱乃屬虛構，如與真實學生名稱雷同則純屬巧合。
Jane’s score is 706.

She has performed at the proficient level and meets standards for Mathematics.

FAMILY SCORE REPORT

Mathematics assessment

- Advanced: A student with a score of 790 or above
- Proficient: A student with a score of 725 to 789
- Near Proficient: A student with a score of 700 to 724
- Basic: A student with a score of 682 to 699
- Limited: A student with a score below 682

School Average Score: 725
District Average Score: 721
State Average Score: 717

What are your child's strengths and weaknesses in Mathematics?

Ratios and Proportions

- Advanced
  - Students understand and use ratios (comparing numbers by division)
  - Solves problems using equivalent ratios
  - Finds values of numerical expressions

- Proficient
  - Solves problems using ratios (comparing numbers by division)
  - Solves problems using variables (representing numbers)
  - Finds central values in data

- Near Proficient
  - Solves simple equations by adding for subtraction

- Basic
  - Solves simple equations by adding for subtraction

- Limited
  - Solves simple equations by adding for subtraction

WHAT THESE RESULTS MEAN

- Advanced: A student with a score of 790 or above
- Proficient: A student with a score of 725 to 789
- Near Proficient: A student with a score of 700 to 724
- Basic: A student with a score of 682 to 699
- Limited: A student with a score below 682

Jane Scored Below Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

Jane Scored Near Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

Jane Scored Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.

Jane Scored Above Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.

Jane Scored Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.

Jane Scored Near Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.

Jane Scored Above Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.

Jane Scored Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.

Jane Scored Near Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.

Jane Scored Above Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.

Jane Scored Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.

Jane Scored Near Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.

Jane Scored Above Proficient

These results mean

- Students need to use more mathematical terms, symbols and models when solving and explaining real-world problems.

NEXT STEPS

With your child, talk about different objects (walls, floors, boxes), and when to find area and volume. Discuss fillings (volume) and covering (area) real-life situations. Measure some objects and compute the area or volume.
Jane Scored Near Proficient

Jane's score is 706. She has performed at the proficient level for Mathematics. The State Average Score is 717. Jane's score is 706, which is below the proficient level. Below, you will find an explanation of her performance in each area.
常見問題

進行俄亥俄州測驗的目的是什麼？
我們可以透過本州實施的學能測驗，瞭解學生在「俄亥俄州學習標準」列出的知識和技能上表現如何。這些測驗對未來的教學工作具有指導和強化作用，我們從而可以確定為學生作好準備，讓他們長遠在學校、高等院校、職業和生活上取得成就。測驗成績同時讓一般公民知道，他們所屬地區的學校與州內其他地區的學校在表現上有何異同。

測驗是如何開發出來的？
測驗開發是一個覆蓋甚廣而且不斷進行的過程，確保本州進行的各項測驗是檢測學生知識和技能的有效和合適工具。

俄亥俄州教育廳與俄亥俄州教育界和「美國研究所」（American Institutes for Research）攜手開發本州各項測驗。各個內容顧問委員會以及公平及敏感度委員會討論測驗問題是否準確公平，是否適合課程，是否能夠檢測「俄亥俄州學習標準」所列的各個方面。測驗建立後，組成標準釐定委員會的另一組教育工作者對五項表現水平的決斷得分表達建議。本州教育局批准這些建議。在俄亥俄州測驗門戶網站的報告資源專頁可以找到各項標準和表現水平描述。

如果得分報告上空白或沒有顯示得分怎麼辦？
如果貴子女的測驗無效，報告將不會顯示任何得分。此外，此節第3頁關於貴子女強項和弱項的詳情將會顯示「沒有任何數據提供，如有疑問，請諮詢貴子女的教師。」如果您對這些陳述存有疑問或顧慮，請聯絡貴子女的學校。

詞彙 / 釋義表

內容範疇：內容範疇也就是科目的意思（例如英語藝術、數學、科學和社會）。
俄亥俄州學習標準：俄亥俄州學習標準定義學生應有的知識和技能。在俄亥俄州教育廳網站education.ohio.gov可以找到俄亥俄州學習標準的相關資訊。
表現水平：每個科目都有五項學能表現水平。其中三項表現水平（「高階」、「加速」和「熟練」）的得分都是高於界定熟練的得分700。其中兩項表現水平（「基本」和「限制」）的得分都是低於界定熟練的得分。「加速」表現水平表示學生正在為入讀高等院校和就業作好準備。每科科目範疇都有針對各項表現水平的具體描述，其稱為「表現水平描述」。針對所有內容範疇的「表現水平描述」可以在俄亥俄州測驗門戶網站的報告資源專頁找到。
報告種類：每項測驗有三至五項報告種類。報告種類是每項科目中的主要測驗範疇。例如，小學三年級數學科內的測驗範疇包括乘除法、數字和運算、分數、幾何、建模和推理。
報告種類指標：顯示技能或學習標準相若的多個小組在各個報告種類得出的測驗成績。例如，小學三年級數學的一個報告種類是乘除法。測驗成績顯示學生在乘除法（或在報告種類中的其他範疇）上的表現，將以指標而非得分呈現。這些指標包括「有欠熟練」、「近乎熟練」和「超乎熟練」。
得分：由於不同測驗形式上的原始得分（實際得分）無法比較，所以要轉換成量表得分作報告用途。量表得分使在不同情況下進行的相同測驗得以比較。例如，今年參加小學三年級英語藝術州立測驗的學生的量表得分可與去年參加相同測驗的小學三年級學生的量表得分作比較。不同科目的量表得分無法比較。