

Tennessee Comprehensive Assessment Program

TCAP

Grade 2 Alternate Assessment Math Item Release





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Metadata Interpretation Guide – Math Alternate

Released Items Math (G2 TCAP-AIt)

Item	Key	DOK	Tier	Standard Code & Text	Core Content Connector (CCC)	Knowledge, Skills, and Abilities (KSA)	Essential Understanding (EU)
TN0002885	A	1	2	2.NBT.A.4 Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using $>$, $=$, and $<$ symbols to record the results of comparisons.	Compare (greater than, less than, equal to) two numbers up to 100.	Tier 4: Compare two numbers within 25 using words and $>$, $=$, and $<$ symbols. Tier 3: Using numerals and objects, compare two numbers within 20 using “greater than”, “less than”, and “=”.	Tier 2: Using objects, compare a single-digit number with a double-digit number within 20 using “greater than”, “less than”, and “equal to”. Tier 1: Using objects, compare two single digit numbers using “greater than”, “less than”, and “equal to”.
TN0002936	C	1	1	2.OA.A.1 Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.	Solve word problems within 20. Solve word problems within 100.	Tier 4: Use pictures to solve one-step addition and subtraction word problems within 25 OR a two-step addition problem within 20. Tier 3: Use pictures to solve one-step addition and subtraction word problems within 20.	Tier 2: Use pictures to solve one-step addition word problems with a sum of 10 or less. Tier 1: Use pictures to solve one-step addition word problems with a sum of 5 or less.

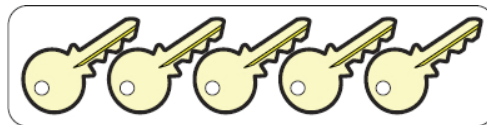
TN0002921	A	2	3	<p>2.OA.A.1 Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.</p>	<p>Solve word problems within 20. Solve word problems within 100.</p>	<p>Tier 4: Use pictures to solve one-step addition and subtraction word problems within 25 OR a two-step addition problem within 20. Tier 3: Use pictures to solve one-step addition and subtraction word problems within 20.</p>	<p>Tier 2: Use pictures to solve one-step addition word problems with a sum of 10 or less. Tier 1: Use pictures to solve one-step addition word problems with a sum of 5 or less.</p>
TN0003033	A	1	4	<p>2.NBT.A.3 Read and write numbers to 1000 using base-ten numerals, number names, and expanded form.</p>	<p>Write or select the numerals 0–100.</p>	<p>Tier 4: Identify the numerals 0–100 when given the name. Tier 3: Identify the numerals 5–100, multiples of 5 only, when given the name.</p>	<p>Tier 2: Identify the numerals 10–60, multiples of 10 only, when given the name. Tier 1: Identify the numerals 1–10 when given the name.</p>

Grade 2 ALT Math Items

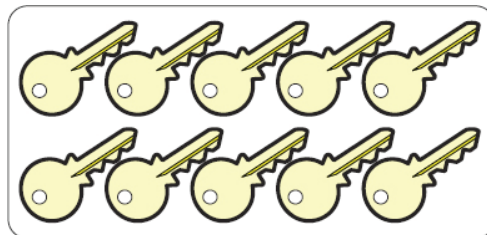
TN0002885

Label	TN0002885	Max Points	1
Item Grade	02 ALT	Rationale1	N/A
Item Content	Math	Rationale2	N/A
Item Type	choice	Rationale3	N/A
Key	1	Rationale4	N/A
DOK	1	Rationale5	N/A
Difficulty	N/A	Rationale6	N/A
Calculator	No	Sample Answer	N/A
Ruler	N/A		
Standard 1 Code	2.NBT.A.4	Standard 1 Text	N/A

Alicia has five keys.



Mark has ten keys.



Which sentence describes how many keys Mark has?

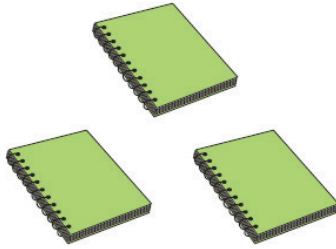
- A.** Mark has more keys than Alicia.
- B.** Mark has less keys than Alicia.
- C.** Mark and Alicia have an equal number of keys.

TN0002936

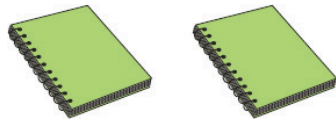
Label	TN0002936	Max Points	1
Item Grade	02 ALT	Rationale1	N/A
Item Content	Math	Rationale2	N/A
Item Type	choice	Rationale3	N/A
Key	3	Rationale4	N/A
DOK	1	Rationale5	N/A
Difficulty	N/A	Rationale6	N/A
Calculator	No	Sample Answer	N/A
Ruler	N/A		
Standard 1 Code	2.OA.A.1	Standard 1 Text	N/A

This question is about solving addition word problems.

Eric had 3 notebooks.



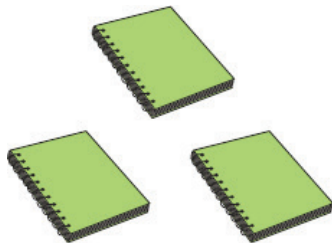
Then Eric bought 2 more notebooks.



Eric now has $3 + 2$ notebooks.

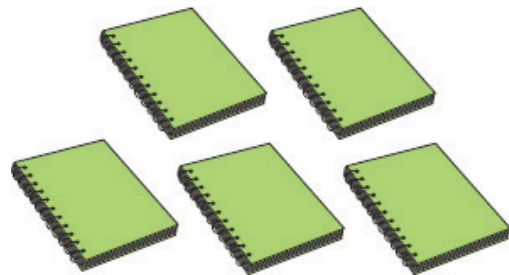
How many notebooks does Eric have now?

M.



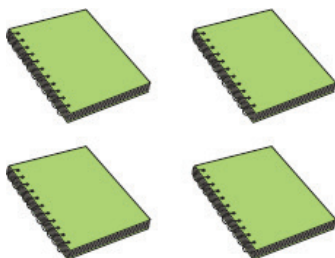
3 notebooks

R.



5 notebooks

P.



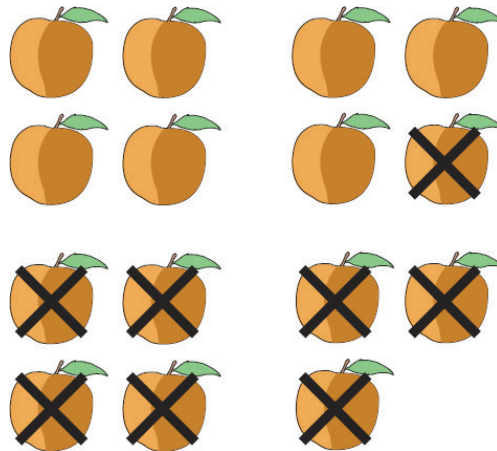
4 notebooks

TN0002921

Label	TN0002921	Max Points	1
Item Grade	02 ALT	Rationale1	N/A
Item Content	Math	Rationale2	N/A
Item Type	choice	Rationale3	N/A
Key	1	Rationale4	N/A
DOK	2	Rationale5	N/A
Difficulty	N/A	Rationale6	N/A
Calculator	No	Sample Answer	N/A
Ruler	N/A		
Standard 1 Code	2.OA.A.1	Standard 1 Text	N/A

This question is about solving subtraction word problems.

Mrs. Hines has 15 peaches on her peach tree.



Mrs. Hines picked 8 peaches from the tree to use in a pie. The crossed-out peaches are the ones that Mrs. Hines picked.

How many peaches are still left on the tree?

A. 7 peaches

B. 8 peaches

C. 15 peaches

TN0003033

Label	TN0003033	Max Points	1
Item Grade	02 ALT	Rationale1	N/A
Item Content	Math	Rationale2	N/A
Item Type	choice	Rationale3	N/A
Key	1	Rationale4	N/A
DOK	1	Rationale5	N/A
Difficulty	N/A	Rationale6	N/A
Calculator	No	Sample Answer	N/A
Ruler	N/A		
Standard 1 Code	2.NBT.A.3	Standard 1 Text	N/A

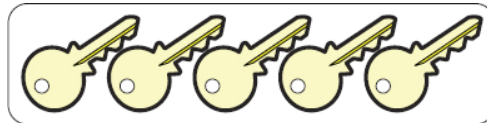
Which of these is the number **ninety-three**?

- M.** 93
- P.** 39
- R.** 12

TN0002885

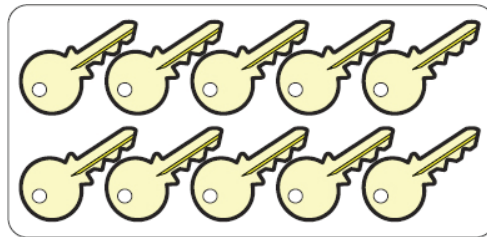
Label	TN0002885	Max Points	1
Item Grade	02 ALT	Rationale1	N/A
Item Content	Math	Rationale2	N/A
Item Type	choice	Rationale3	N/A
Key	1	Rationale4	N/A
DOK	1	Rationale5	N/A
Difficulty	N/A	Rationale6	N/A
Calculator	No	Sample Answer	N/A
Ruler	N/A		
Standard 1 Code	2.NBT.A.4	Standard 1 Text	N/A

Alicia has five keys.



[For students with visual impairment, read, “This is a picture of 5 keys.”]

Mark has ten keys.



[For students with visual impairment, read, “This is a picture of 10 keys.”]

Which sentence describes how many keys Mark has?

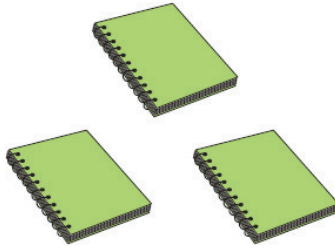
- A.** Mark has more keys than Alicia.
- B.** Mark has less keys than Alicia.
- C.** Mark and Alicia have an equal number of keys.

TN0002936

Label	TN0002936	Max Points	1
Item Grade	02 ALT	Rationale1	N/A
Item Content	Math	Rationale2	N/A
Item Type	choice	Rationale3	N/A
Key	3	Rationale4	N/A
DOK	1	Rationale5	N/A
Difficulty	N/A	Rationale6	N/A
Calculator	No	Sample Answer	N/A
Ruler	N/A		
Standard 1 Code	2.OA.A.1	Standard 1 Text	N/A

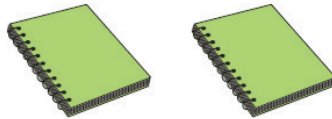
This question is about solving addition word problems.

Eric had 3 notebooks.



[For students with visual impairment, read, “This is a picture of 3 notebooks.”]

Then Eric bought 2 more notebooks.



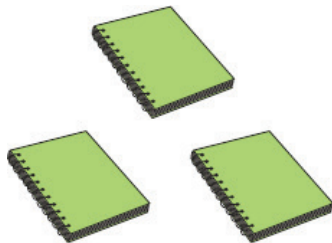
[For students with visual impairment, read, “This is a picture of 2 notebooks.”]

Eric now has $3 + 2$ notebooks.

[For students with visual impairment, read, “3 plus 2.”]

How many notebooks does Eric have now?

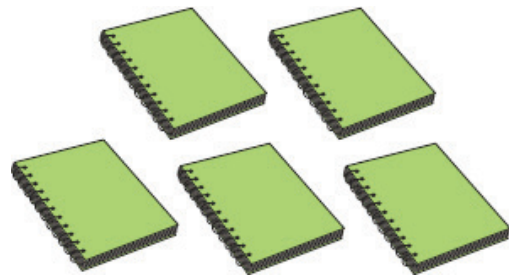
M.



3 notebooks

[For students with visual impairment, read, “This is a picture of 3 notebooks.”]

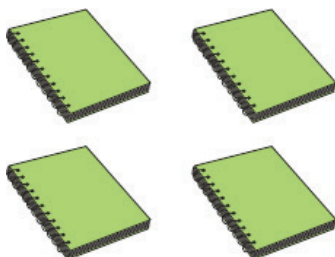
R.



5 notebooks

[For students with visual impairment, read, “This is a picture of 5 notebooks.”]

P.



4 notebooks

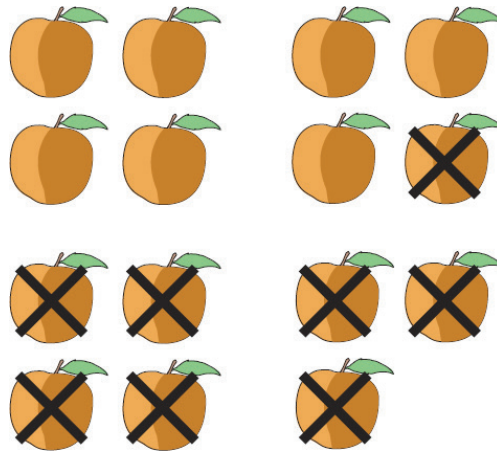
[For students with visual impairment, read, “This is a picture of 4 notebooks.”]

TN0002921

Label	TN0002921	Max Points	1
Item Grade	02 ALT	Rationale1	N/A
Item Content	Math	Rationale2	N/A
Item Type	choice	Rationale3	N/A
Key	1	Rationale4	N/A
DOK	2	Rationale5	N/A
Difficulty	N/A	Rationale6	N/A
Calculator	No	Sample Answer	N/A
Ruler	N/A		
Standard 1 Code	2.OA.A.1	Standard 1 Text	N/A

This question is about solving subtraction word problems.

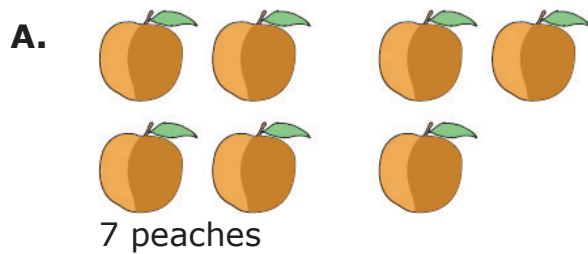
Mrs. Hines has 15 peaches on her peach tree.



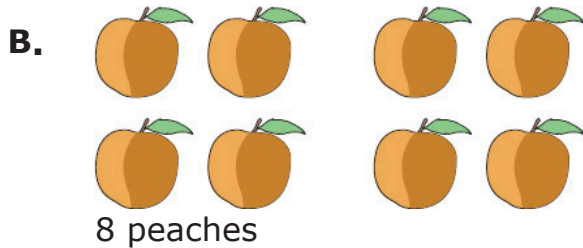
[For students with visual impairment, read, “This is a picture of 15 peaches. 8 of the peaches are crossed out.”]

Mrs. Hines picked 8 peaches from the tree to use in a pie. The crossed-out peaches are the ones that Mrs. Hines picked.

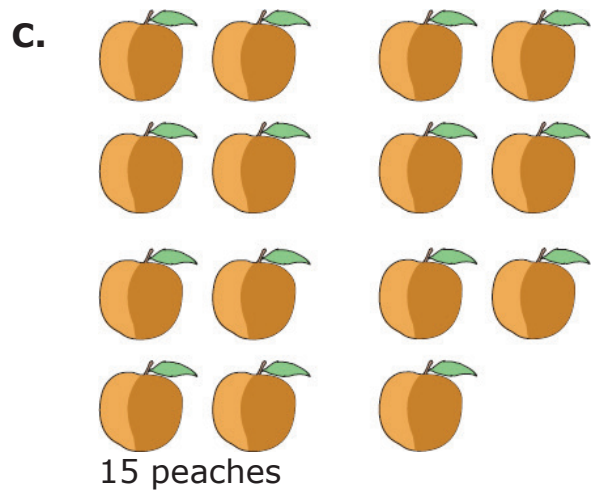
How many peaches are still left on the tree?



[For students with visual impairment, read, “This is a picture of 7 peaches.”]



[For students with visual impairment, read, “This is a picture of 8 peaches.”]



[For students with visual impairment, read, “This is a picture of 15 peaches.”]

TN0003033

Label	TN0003033	Max Points	1
Item Grade	02 ALT	Rationale1	N/A
Item Content	Math	Rationale2	N/A
Item Type	choice	Rationale3	N/A
Key	1	Rationale4	N/A
DOK	1	Rationale5	N/A
Difficulty	N/A	Rationale6	N/A
Calculator	No	Sample Answer	N/A
Ruler	N/A		
Standard 1 Code	2.NBT.A.3	Standard 1 Text	N/A

Which of these is the number **ninety-three**?

- M.** 93
- P.** 39
- R.** 12

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