

# Tennessee Comprehensive Assessment Program

# TCAP

TNReady—Math  
Grade 3 Item Release





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## Metadata Interpretation Guide – Math

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**SAMPLE METADATA TABLE**

<b>Label</b>	TN0045532	<b>Max Points</b>	1
<b>Item Grade</b>	8	<b>Rationale1</b>	
<b>Item Content</b>	Math	<b>Rationale2</b>	
<b>Item Type</b>	Choice	<b>Rationale3</b>	
<b>Key</b>	3	<b>Rationale4</b>	
<b>DOK</b>	2	<b>Rationale5</b>	
<b>Difficulty</b>	M	<b>Rationale6</b>	
<b>Calculator</b>	No	<b>Sample Answer</b>	
<b>Ruler</b>	None		
<b>Standard 1 Code</b>	8.NS.A.2	<b>Standard 1</b>	
<b>Standard 2 Code</b>	8.NS.A.2	<b>Standard 2</b>	

## METADATA DEFINITIONS

<b>Label:</b> Unique letter/number code used to identify the item.	<b>Max Points:</b> Maximum score points possible for this item.
<b>Item Grade</b> (if listed): Grade level in 3-8 or EOC	<b>Rationale1</b> (if listed): Reason why this answer choice is correct or incorrect.
<b>Item Content</b> (if listed): Subject being tested. (e.g., ELA, Algebra I, etc.).	<b>Rationale2</b> (if listed): Reason why this answer choice is correct or incorrect.
<b>Item Type:</b> For example, "Choice" for multiple choice questions, "Match" for matching tables, "Composite" for two-part items.	<b>Rationale3</b> (if listed): Reason why this answer choice is correct or incorrect.
<b>Key:</b> Correct answer. 1=A, 2=B, etc. This may be blank for constructed response items where students write or type their responses.	<b>Rationale4</b> (if listed): Reason why this answer choice is correct or incorrect.
<b>DOK</b> (if listed): Depth of Knowledge (cognitive complexity) is measured on a four-point scale. 1=recall; 2=skill/concept; 3=strategic thinking; 4=extended thinking.	<b>Rationale5</b> (if listed): Reason why this answer choice is correct or incorrect.
<b>Difficulty</b> (if listed): Level of difficulty.	<b>Rationale6</b> (if listed): Reason why this answer choice is correct or incorrect.
<b>Calculator</b> (if listed): Yes for items that permit calculator use.	<b>Protractor</b> (if listed): Yes for items that permit protractor use.
<b>Ruler</b> (if listed): Yes for items that permit a ruler.	<b>Sample Answer</b> (if listed): An example of an answer a student could provide.
<b>Standard 1 Code</b> (if listed): Content standard assessed.	<b>Standard 1</b> (if listed): Text of the content standard assessed.
<b>Standard 2 Code</b> (if listed): Content standard assessed. This is the primary code used for the Integrated Math courses.	<b>Standard 2</b> (if listed): Text of the content standard assessed.

## TN721543

<b>Label</b>	TN721543	<b>Max Points</b>	1
<b>Item Grade</b>	03	<b>Rationale1</b>	N/A
<b>Item Content</b>	Math	<b>Rationale2</b>	N/A
<b>Item Type</b>	textEntry	<b>Rationale3</b>	N/A
<b>Key</b>	35	<b>Rationale4</b>	N/A
<b>DOK</b>	1	<b>Rationale5</b>	N/A
<b>Difficulty</b>	N/A	<b>Rationale6</b>	N/A
<b>Calculator</b>	No	<b>Sample Answer</b>	N/A
<b>Ruler</b>	None		
<b>Standard 1 Code</b>	3.MD.A.1	<b>Standard 1 Text</b>	N/A

Avery started his homework at 6:20 P.M. He finished his homework at 6:55 P.M.

How many minutes did Avery spend on his homework?

# TN622504

<b>Label</b>	TN622504	<b>Max Points</b>	1
<b>Item Grade</b>	03	<b>Rationale1</b>	N/A
<b>Item Content</b>	Math	<b>Rationale2</b>	N/A
<b>Item Type</b>	choice	<b>Rationale3</b>	N/A
<b>Key</b>	1,3,5	<b>Rationale4</b>	N/A
<b>DOK</b>	1	<b>Rationale5</b>	N/A
<b>Difficulty</b>	N/A	<b>Rationale6</b>	N/A
<b>Calculator</b>	Yes	<b>Sample Answer</b>	N/A
<b>Ruler</b>	None		
<b>Standard 1 Code</b>	3.NF.A.3b	<b>Standard 1 Text</b>	N/A

Choose **all** the fractions equivalent to  $\frac{2}{4}$ .

☐  $\frac{1}{2}$

☐  $\frac{1}{3}$

☐  $\frac{3}{6}$

☐  $\frac{4}{6}$

☐  $\frac{4}{8}$

## TN722485

<b>Label</b>	TN722485	<b>Max Points</b>	1
<b>Item Grade</b>	03	<b>Rationale1</b>	N/A
<b>Item Content</b>	Math	<b>Rationale2</b>	N/A
<b>Item Type</b>	choice	<b>Rationale3</b>	N/A
<b>Key</b>	4	<b>Rationale4</b>	N/A
<b>DOK</b>	1	<b>Rationale5</b>	N/A
<b>Difficulty</b>	N/A	<b>Rationale6</b>	N/A
<b>Calculator</b>	Yes	<b>Sample Answer</b>	N/A
<b>Ruler</b>	None		
<b>Standard 1 Code</b>	3.OA.A.2	<b>Standard 1 Text</b>	N/A

Ms. Jackson is putting all of her cookies into bags.

- She has 12 cookies and 3 bags.
- She will put the same number of cookies into each bag.

Which expression can she use to find the number of cookies she will put in each bag?

M  $12 + 3$

P  $12 - 3$

R  $12 \times 3$

S  $12 \div 3$

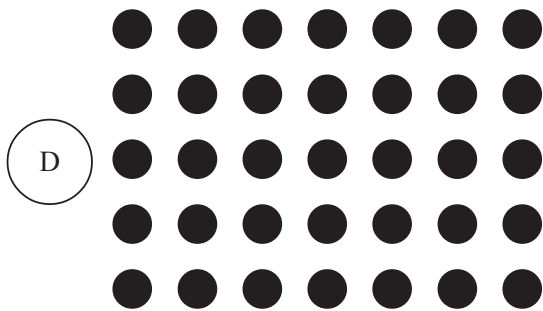
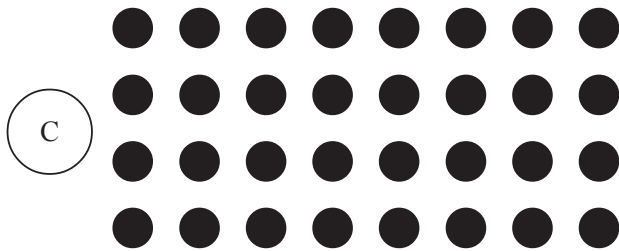
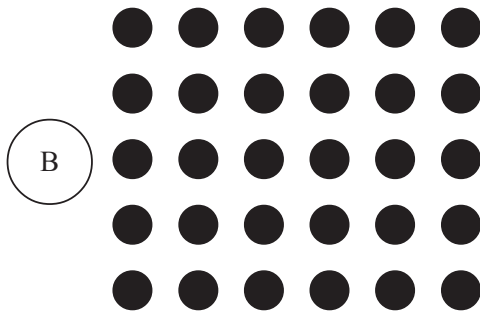
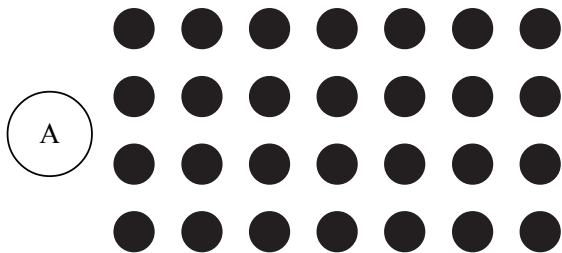


# TN321818

<b>Label</b>	TN321818	<b>Max Points</b>	1
<b>Item Grade</b>	03	<b>Rationale1</b>	N/A
<b>Item Content</b>	Math	<b>Rationale2</b>	N/A
<b>Item Type</b>	choice	<b>Rationale3</b>	N/A
<b>Key</b>	3	<b>Rationale4</b>	N/A
<b>DOK</b>	1	<b>Rationale5</b>	N/A
<b>Difficulty</b>	N/A	<b>Rationale6</b>	N/A
<b>Calculator</b>	Yes	<b>Sample Answer</b>	N/A
<b>Ruler</b>	N/A		
<b>Standard 1 Code</b>	3.OA.A.3	<b>Standard 1 Text</b>	N/A

Liz is helping her teacher set up 32 chairs for the class play.

Which array shows one way Liz can set up all the chairs?



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