PSSA and Keystone Exams Summer 2023 Workshops

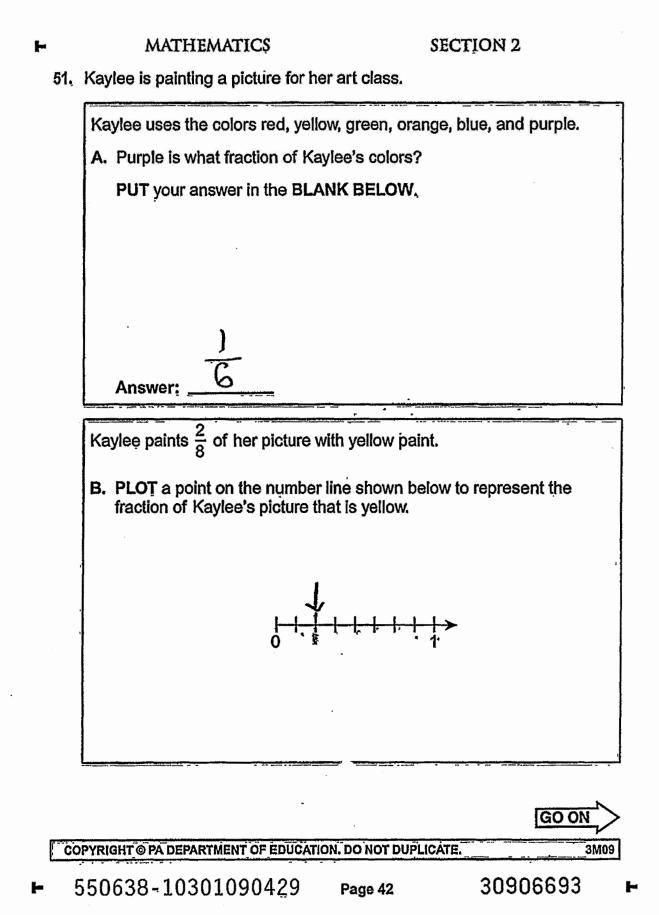
## PSSA, Grade 3 Math

### Kaylee Paints

# Handscoring Practice Set $2^*$

\*Responses in this set do not have true scores. Apply scores based on scoring criteria.

P2 - 1



#### MATHEMATICS

#### **SECTION 2**

51. Continued. Please refer to the previous page for task explanation.

Kaylee painted a green rectangle and an orange rectangle on her picture.

The green rectangle has side lengths of 3 inches and 4 inches.

The orange rectangle has side lengths of 2 inches and 6 inches.

Kaylee makes the incorrect claim shown below.

The area of the green rectangle is less than the area of the orange rectangle since 14 < 16.

C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles.

OP. War

D. REWRITE Kaylee's claim with the correct comparison of the areas. <u>in one lectoppe She</u> <u>had 14 for her area but the</u> <u>other had 16 So She Chints to be wreny</u>

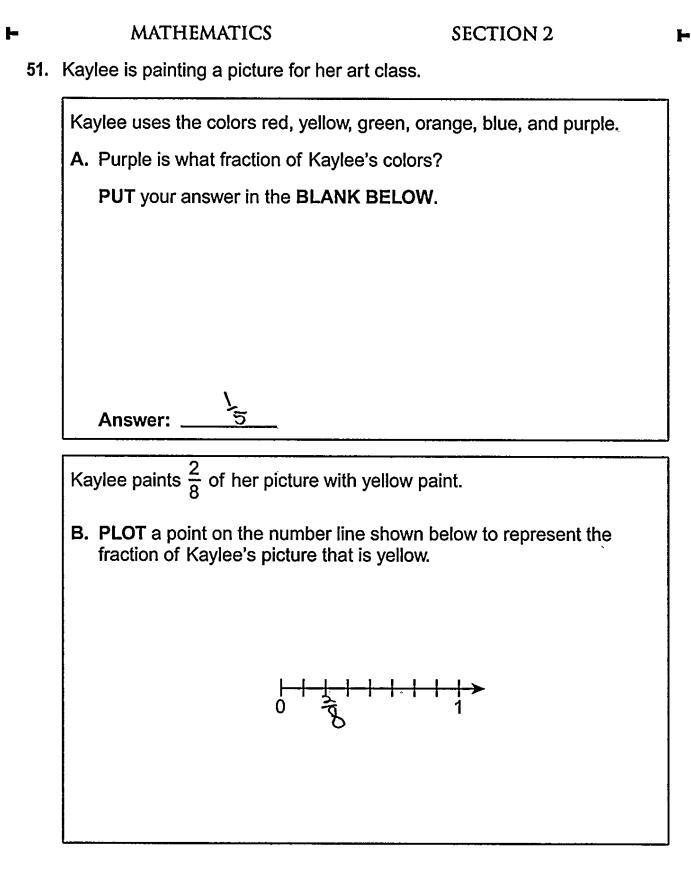
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#### **SECTION 2**

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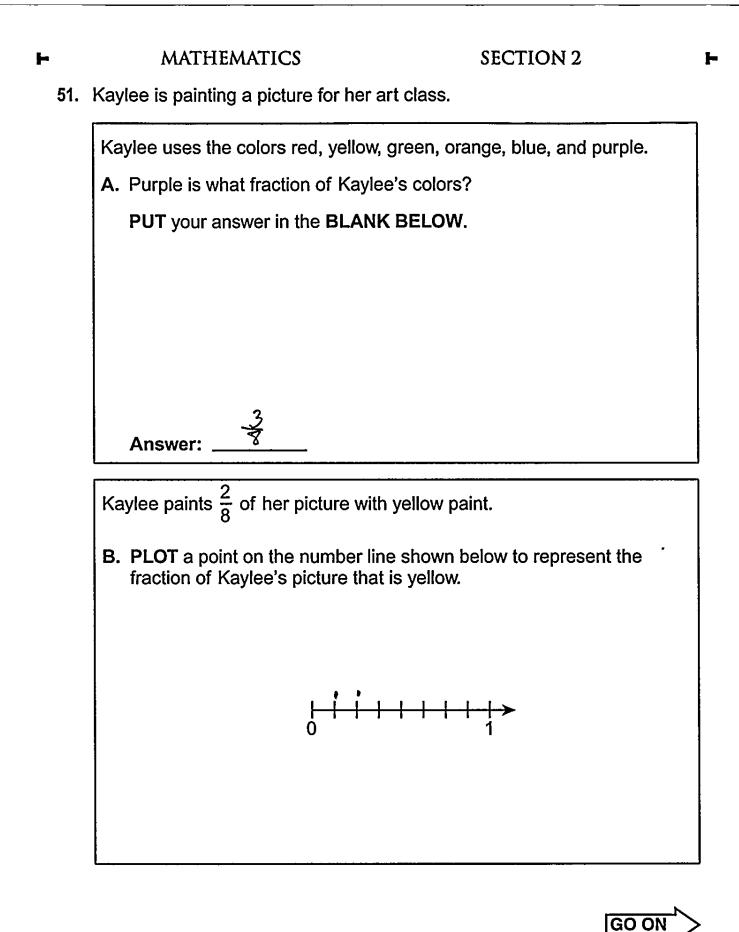
51. *Continued.* Please refer to the previous page for task explanation.

Kaylee painted a green rectangle and an orange rectangle on her picture. The green rectangle has side lengths of 3 inches and 4 inches. The orange rectangle has side lengths of 2 inches and 6 inches. Kaylee makes the incorrect claim shown below. The area of the green rectangle is less than the area of the orange rectangle since 14 < 16. C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles. 17, and 25 Egual evre **D. REWRITE** Kaylee's claim with the correct comparison of the areas. VLGV reen 1e area of the SINCE ectaria **STOP** 

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P2 - 3

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her picture.

area of the orange rectangle since 14 < 16. C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles. mistake she did that she atimeds in correctly 1S D. REWRITE Kaylee's claim with the correct comparison of the areas. she rould'at do hat (Jell 00

Continued. Please refer to the previous page for task explanation.

Kaylee painted a green rectangle and an orange rectangle on

The green rectangle has side lengths of 3 inches and 4 inches.

The orange rectangle has side lengths of 2 inches and 6 inches.

The area of the green rectangle is less than the

Kaylee makes the incorrect claim shown below.

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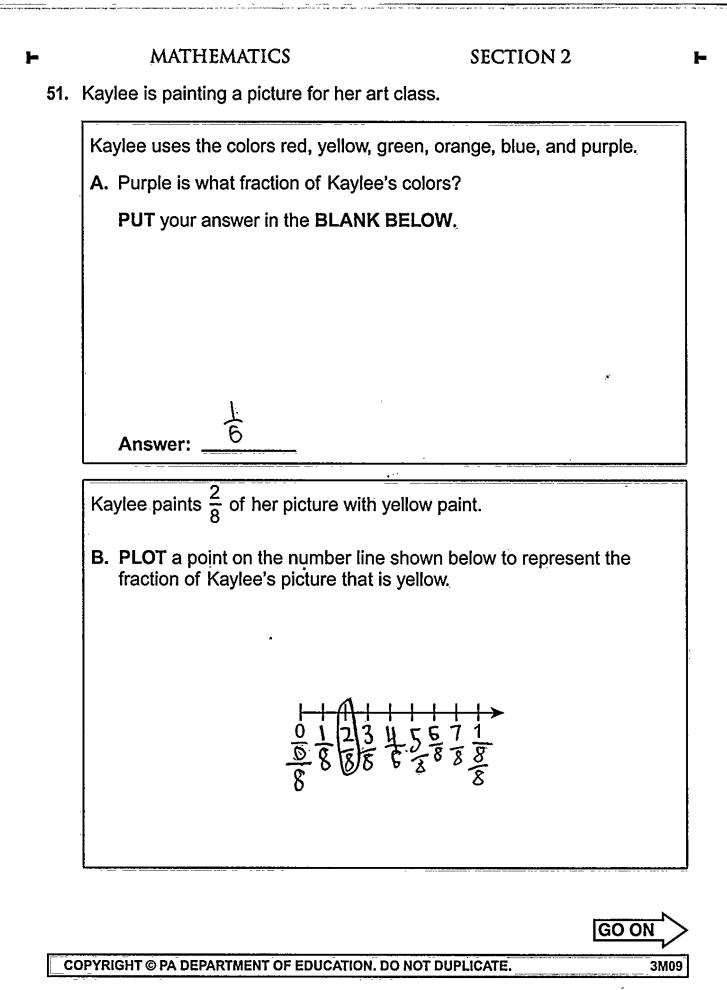
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**SECTION 2** 

PSSA Math: Kaylee Paints (Grade 3); Practice Set 2



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	MATHEMATICS	SECTION 2	
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	aylee painted a green rectangle er picture.	e and an orange rectangle or	 າ
T	he green rectangle has side ler	ngths of 3 inches and 4 inche	<b>es.</b>
Ţ	he orange rectangle has side le	engths of 2 inches and 6 incl	ies.
к	aylee makes the incorrect clain	n shown below.	
	The area of the green area of the orange rec	rectangle is less than the tangle since 14 < 16.	
c	EXPLAIN the mistake Kaylee areas of the two rectangles.	e most likely made when find	ding the
	She had inco	rect area be	2014re
	à J by 4 15	> 7 and cl	JC
<b>•</b>	got 14.		
	<u> </u>		
		*	
D	. REWRITE Kaylee's claim wit	•	•
	The anwiser	is 7. becaus	e thats
	Cl 3by 4.		:
			<b>.</b>
-	ou have finished your work, close will know you are finished.	this booklet so your	STOP
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	MATHEMATICS SECTION 2			
51.	Kaylee is painting a picture for her art class.			
	Kaylee uses the colors red, yellow, green, orange, blue, and purple.			
	A. Purple is what fraction of Kaylee's colors?			
	PUT your answer in the BLANK BELOW.			
	Answer: <u>16</u>			
	Kaylee paints $\frac{2}{8}$ of her picture with yellow paint.			
	B. PLOT a point on the number line shown below to represent the fraction of Kaylee's picture that is yellow.			
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#### **BML 10. 1867 148.0028** MATHEMATICS

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**SECTION 2** 

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51. Continued. Please refer to the previous page for task explanation.

Kaylee painted a green rectangle and an orange rectangle on her picture.

The green rectangle has side lengths of 3 inches and 4 inches.

The orange rectangle has side lengths of 2 inches and 6 inches.

Kaylee makes the incorrect claim shown below.

The area of the green rectangle is less than the area of the orange rectangle since 14 < 16.

C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles.

The mistake Kaylee most likely made when finding the areas was instead of finding the areas she found the perimeters which is 14 for the green rectangle and 16 for the orange rectanale.

D. REWRITE Kaylee's claim with the correct comparison of the areas. <u>The areas of the rectangles are equal</u> <u>be course the areas were both 12 inches. I know</u> <u>in this because 3x4=12 inches and 2×6 = 12 inches.</u>

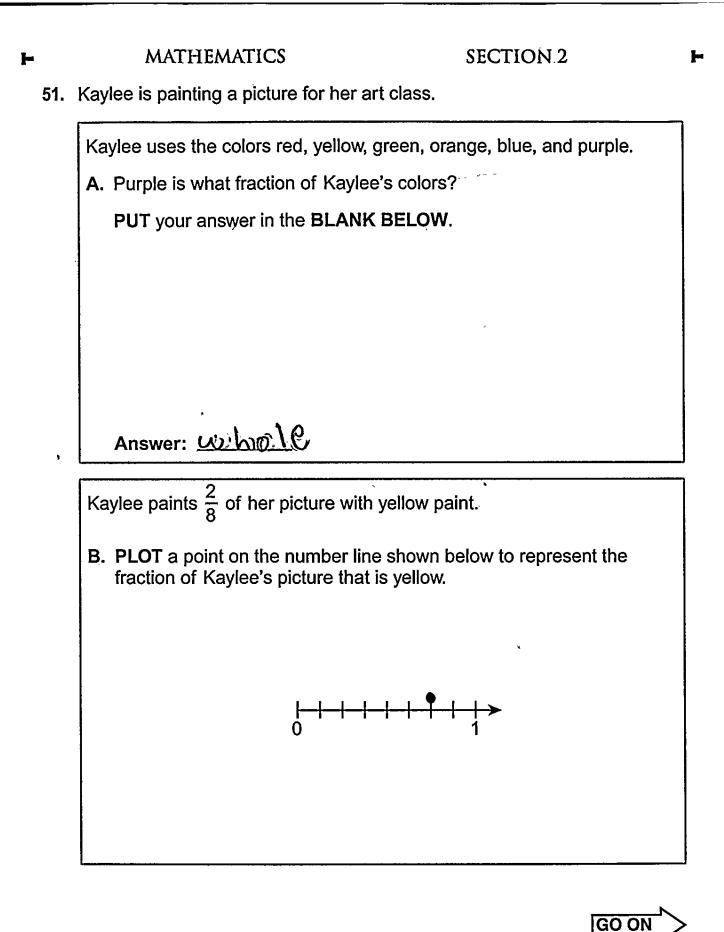
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P2 - 6

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SECTION 2

P2 - 6

51. Continued. Please refer to the previous page for task explanation.

Kaylee painted a green rectangle and an orange rectangle on her picture.

The green rectangle has side lengths of 3 inches and 4 inches.

The orange rectangle has side lengths of 2 inches and 6 inches.

Kaylee makes the incorrect claim shown below.

The area of the green rectangle is less than the area of the orange rectangle since 14 < 16.

C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles.

Kagle made a mistake becake he thènik fourteen is higher then Six +tron

D. REWRITE Kaylee's claim with the correct comparison of the areas.

Finches and six inches 14 216

After you have finished your work, close this booklet so your teacher will know you are finished.

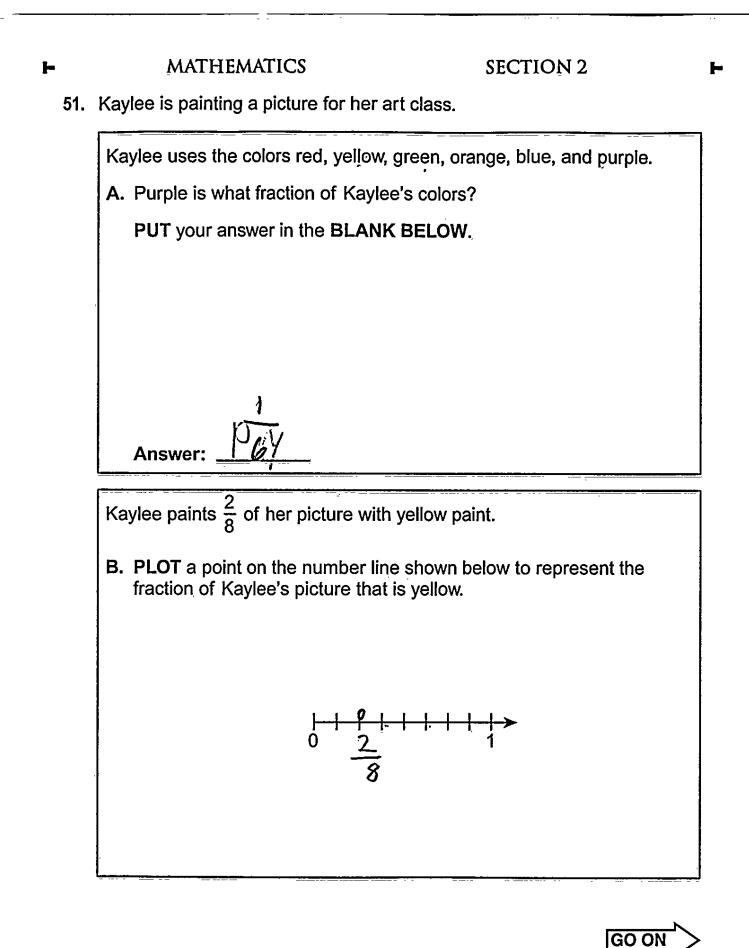


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$\frac{3\times 4 \geq 0}{294}  \frac{3\times 4 \geq 0}{12 \geq 12}  \frac{50 + hcy}{294}$ $\frac{C94}{12 \geq 12}$ D. REWRITE Kaylee's claim with the correct comparison of the areas $\frac{Thc}{29404}  \frac{12 \geq 12}{12 \geq 12}$	MLI	24. 1874 174.0038 MATHEMATICS	SECTION 2
<ul> <li>her picture.</li> <li>The green rectangle has side lengths of 3 inches and 4 inches.</li> <li>The orange rectangle has side lengths of 2 inches and 6 inches.</li> <li>Kaylee makes the incorrect claim shown below.</li> <li>The area of the green rectangle is less than the area of the orange rectangle since 14 &lt; 16.</li> <li>C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles.</li> <li>The mistalse of tayle not likely made when finding the areas of the two rectangles.</li> <li>The mistalse of tayle not likely made when finding the areas of the two rectangles.</li> <li>The mistalse of tayle not take tayle not likely made when finding the areas of the two rectangles.</li> <li>The mistalse of tayle not take tayle not take tayle is that the dream is not not not not not not not not not not</li></ul>	51.	Continued. Please refer to the	previous page for task explanation
The orange rectangle has side lengths of 2 inches and 6 inches. Kaylee makes the incorrect claim shown below. The area of the green rectangle is less than the area of the orange rectangle since 14 < 16. C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles. The mistalize of Isayl ce nate is that the dreas is rage because 3xy=10 and 6x2=12 So they Cqui 12=12. D. REWRITE Kaylee's claim with the correct comparison of the areas The correct is that is equal. 12=12.			d an orange rectangle on
<ul> <li>Kaylee makes the incorrect claim shown below. The area of the green rectangle is less than the area of the orange rectangle since 14 &lt; 16.</li> <li>C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles. The mistalre of kaylee nade is that the dreas is roge because is that the dreas is roge because is may be and by 2=12. So they cause is may be and by 2=12. So they cause is the two rectangles is reader is that is correct comparison of the areas The correct is that is could be areas is comparison of the areas is comparison.</li> </ul>	The	green rectangle has side lengths	of 3 inches and 4 inches.
The area of the green rectangle is less than the area of the orange rectangle since 14 < 16. C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles. <u>The mistake of kaylee nate is that</u> <u>the areas of the two rectangles.</u> <u>The mistake of kaylee nate is that</u> <u>the areas of the two rectangles.</u> <u>The areas of the two rectangles.</u> <u>3xy=12 and 6x2=12 So they</u> <u>equilized to the two formers of the areas</u> <u>The correct is that is</u> <u>equil. 12=12</u>	The	orange rectangle has side lengt	ns of 2 inches and 6 inches.
area of the orange rectangle since 14 < 16. C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles. <u>The mistalse of kaylee nate is that</u> <u>the dreas is rage because</u> <u>3xy=15 and 6x2=12 So they</u> <u>Cqy1 12=12</u> . D. REWRITE Kaylee's claim with the correct comparison of the areas <u>The correct is that is</u> <u>Cqy1. 12=12</u> .	Kayl	ee makes the incorrect claim she	own below.
areas of the two rectangles. <u>The mistalize of kaylee nate is that</u> <u>the areas is roge because</u> <u>3xy=10 and 6x2=12 So they</u> <u>cqu1 12=12</u> . D. REWRITE Kaylee's claim with the correct comparison of the areas <u>The correct is that is</u> <u>equal</u> . 12=12			
the areas is rage because 3xy=12 and $6x2=12$ so they equi 12=12. D. REWRITE Kaylee's claim with the correct comparison of the areas The correct is that is equal. 12=12.		•	st likely made when finding the
$\frac{3\times 4\times 2}{29}  an2  6\times 2 = 12  50  thCY$ $C941  12 = 12.$ D. REWRITE Kaylee's claim with the correct comparison of the areas $\frac{TMC}{C0} = \frac{1}{12} = \frac{1}{12}$	-		caylee node is that
Cqui $D=12$ , D. REWRITE Kaylee's claim with the correct comparison of the areas TMC correct is that is Cqual. 12=12	=	the areas is	roge because
D. REWRITE Kaylee's claim with the correct comparison of the areas $\frac{TMC}{CO((ect))^{2}} + \frac{1}{12} + \frac{1}{$	_	3×4=12 and 62	=2=12 50 they
D. REWRITE Kaylee's claim with the correct comparison of the areas $\frac{TMC}{CO((ect))^{2}} + \frac{1}{12} + \frac{1}{$		Caul 12.212.	•
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<u>equal. 12=12</u>	D. F	•	•
<u>equal. 12=12</u>	<del></del>	M. correct	is that is
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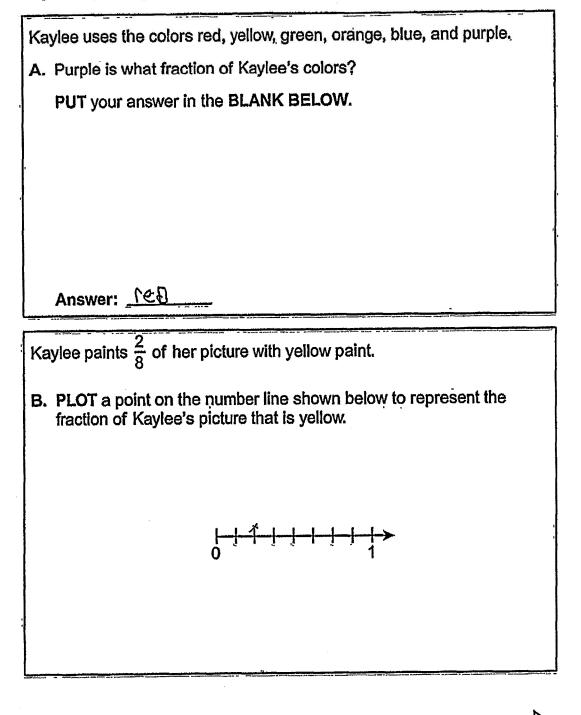
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MATHEMATICS

**SECTION 2** 

51. Kaylee is painting a picture for her art class.



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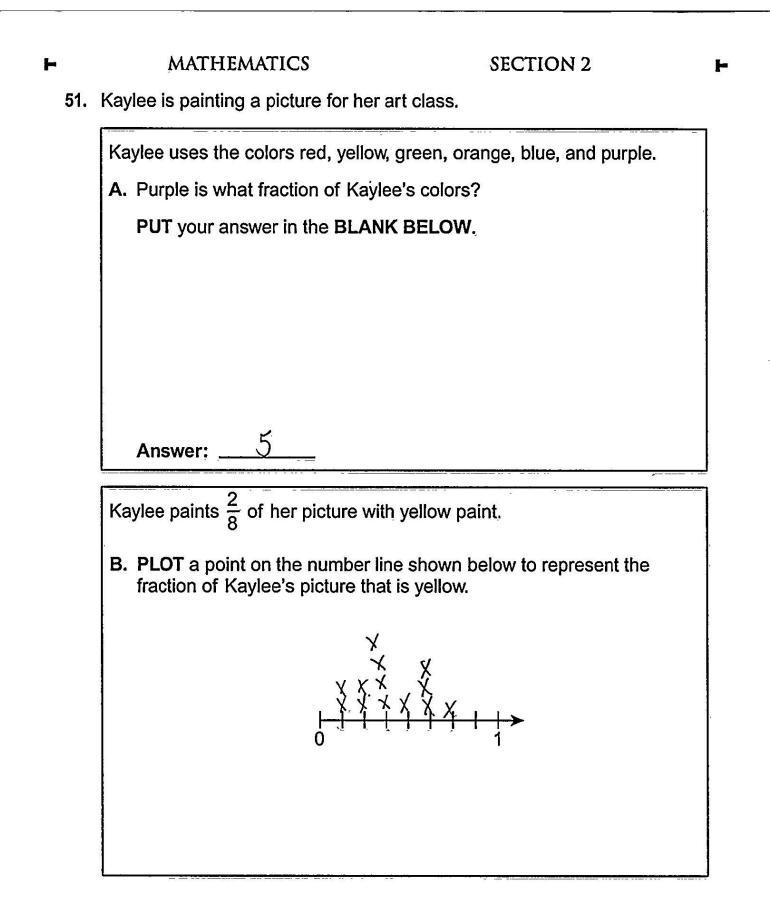
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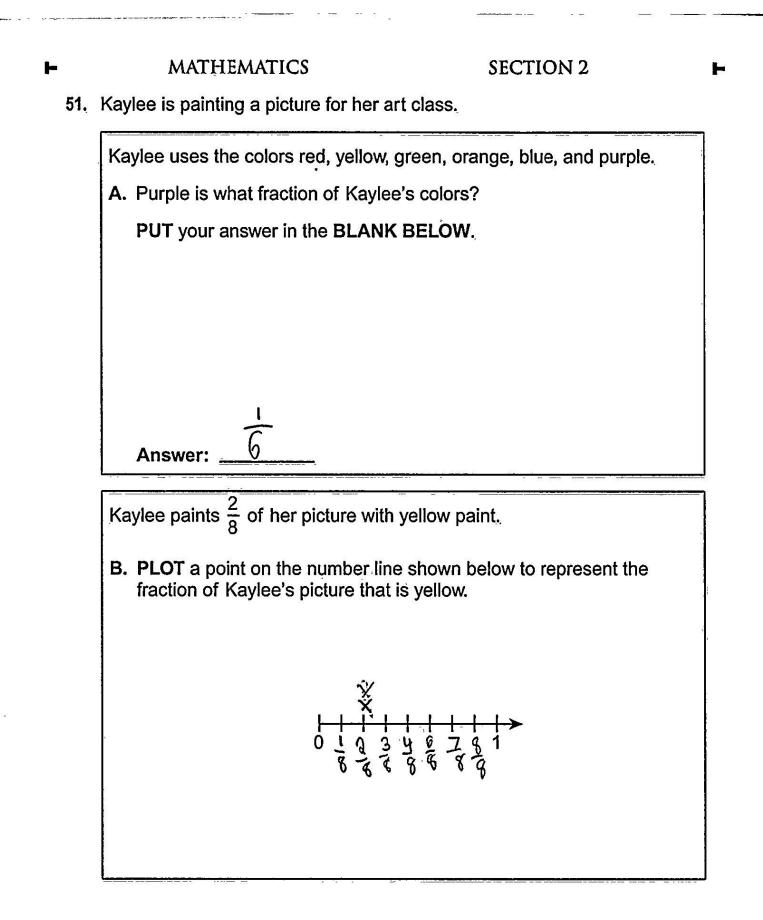
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5	1. Continued. Please refer to the	he previous page for task explanation.
	Kaylee painted a green rectangle ner picture.	and an orange rectangle on
	The green rectangle has side leng	oths of 3 inches and 4 inches,
	The orange rectangle has side ler	ngths of 2 inches and 6 inches.
	Kaylee makes the incorrect claim	shown below.
	The area of the green rectangle area of the orange rectangle	ectangle is less than the angle since 14 < 16.
	areas of the two rectangles.	most likely made when finding the
	Paltebthe	other side
	, <u></u>	
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		the correct comparison of the areas.
	<u> </u>	



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	51.	Continued. Please refer to	the previous page for task explanation.	
	678	lee painted a green rectangl picture.	e and an orange rectangle on	
	The	green rectangle has side lei	ngths of 3 inches and 4 inches.	
	The	orange rectangle has side le	engths of 2 inches and 6 inches.	
	Kay	lee makes the incorrect clair	n shown below.	
		The area of the green area of the orange rec	rectangle is less than the tangle since $14 < 16$ .	2
		EXPLAIN the mistake Kayles areas of the two rectangles.	e most likely made when finding the	
		16isbiger the nly	because 1412=16.50	
		16 is lorger than 14.		
				ן ר
	D.	REWRITE Kaylee's claim with SO 16 / S AUMBER	h the correct comparison of the areas. The biger	
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PSSA Math: Kaylee Paints (Grade 3); Practice Set 2



P2 - 10

#### IBML21.1889398.0060 **SECTION 2** F MATHEMATICS Continued. Please refer to the previous page for task explanation. 51. Kaylee painted a green rectangle and an orange rectangle on her picture. The green rectangle has side lengths of 3 inches and 4 inches. The orange rectangle has side lengths of 2 inches and 6 inches. Kaylee makes the incorrect claim shown below. The area of the green rectangle is less than the area of the orange rectangle since 14 < 16. C. EXPLAIN the mistake Kaylee most likely made when finding the areas of the two rectangles. bf the mistake she made was instead finding the area she found ont the perimeter. D. REWRITE Kaylee's claim with the correct comparison of the areas. The area of the green nectangle the 15 area as the orange rectangle because Same 12=10.

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#### PRACTICE SET 2\*

Subject: Math Item: Kaylee Paints

Grade:3

Name\_\_\_\_\_\_

Number	Score	Consensus	Notes
P2-1			
P2-2		1	
F2-2			
P2-3			
P2-4			
P2-5			
		I	
P2-6			
P2-7			
P2-8			
	<u> </u>		
<b>DD D</b>			
P2-9	1		
<b>P2</b> -10			

\* Responses in this set do not have true scores. Apply scores based on scoring criteria.