



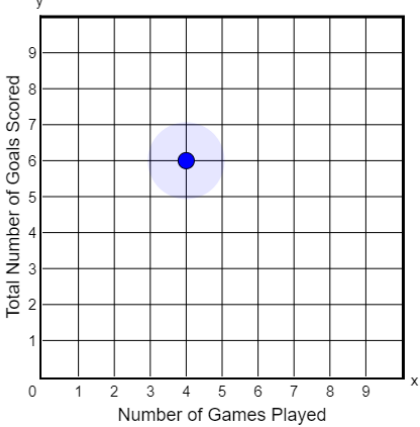
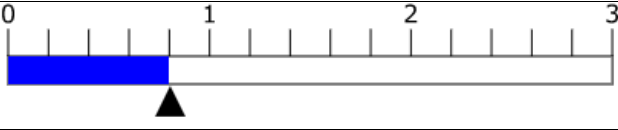


Practice Test Answer and Alignment Document
Mathematics – Grade 5

Part A

Item Number	Answer Key	Kentucky Academic Standard	Mathematical Practices
1.	<div style="border: 1px solid black; display: inline-block; padding: 2px;">8</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">9</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">3</div> . <div style="border: 1px solid black; display: inline-block; padding: 2px;">4</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">2</div> <p>Or any number with the digit 3 in the ones place</p>	KY.5.NBT.1	MP.1, MP.7
2.	<div style="border: 1px solid gray; padding: 5px;"> <p>Amount Players Drank During the Game</p>  <p style="text-align: center;">Fewer More Reset</p> </div> <p>or equivalent fraction</p>	KY.5.NF.2.a	MP.1
3.	C, E	KY.5.NBT.7.a	MP.2, MP.5
4.	See rubric	KY.5.NF.7.c	MP.1, MP.2
5.	<p>The value of <input type="text" value="126 + 9"/> is <input type="text" value="two times as large as"/> the value of <input type="text" value="(126 + 9) ÷ 2"/>.</p>	KY.5.OA.2	MP.2
6.	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center;">1 yard</p>  </div> <p>Or any combination of 14 shaded parts</p>	KY.5.NF.4.a	MP.1, MP.4

Part B

Item Number	Answer Key	Kentucky Academic Standard	Mathematical Practices
1.	<p>Part A</p> <p>Goals Scored by Gavin</p>  <p>Part B See rubric</p>	KY.5.G.2	MP.6, MP.8
2.	C	KY.5.MD.5.c	MP.1, MP.8
3.		KY.5.OA.3.b	MP.2
4.	6 or equivalent number	KY.5.MD.5.b	MP.1, MP.4
5.	A	KY.5.G.4	MP.1, MP.7

Rubrics

Part A #4	
Rubric	
Score Point 2	Student demonstrates a complete understanding of solving a real-world problem involving the division of a unit fraction by a non-zero whole number by using a fraction model.
Score Point 1	Student demonstrates a partial understanding of solving a real-world problem involving the division of a unit fraction by a non-zero whole number by using a fraction model.
Score Point 0	Student response is insufficient to demonstrate a grade-appropriate, relevant understanding of the task.
Score Points	<ul style="list-style-type: none"> • Score 2 points: <ul style="list-style-type: none"> ○ Correct answer with a complete explanation. • Score 1 point: <ul style="list-style-type: none"> ○ Correct answer with a partial explanation. OR ○ Correct answer with no explanation. OR ○ Correct procedure with an error in calculation resulting in an incorrect reasonable answer.
Correct Answer	$\frac{1}{12}$ cup Four parts of the number line equal $\frac{1}{3}$ of a whole cup so 12 parts will be needed to make a whole cup. One of those 12 parts would be what each friend would get. Note: Other valid explanations using the number line are acceptable.

Part B #1	
Rubric	
The total item score is the sum of points awarded in the Machine-scored and Human-scored parts.	
Machine Scoring	
Score Point 1	Part A student response is to plot a point located at (4, 6).
Score Point 0	Student response is incorrect.
Human Scoring	
Score Point 1	Student demonstrates a complete understanding of representing a real-world problem by graphing points in the first quadrant of the coordinate plane and interpreting the coordinate values of points in the context of the situation.
Score Point 0	Student response is insufficient to demonstrate a grade-appropriate, relevant understanding of the task.
Score Points	Part B <ul style="list-style-type: none"> • Score 1 point: Human-scored <ul style="list-style-type: none"> ○ Complete explanation of the point (7, 9) in terms of the context.
Correct Answer	Part B The point (7, 9) means that Gavin has scored a total of 9 goals in the 7 games that he has played in.