



Practice Test Answer and Alignment Document
Mathematics – Grade 5

Part A

Item Number	Answer Key	Kentucky Academic Standard	Mathematical Practices
1.	B	KY.5.NBT.1	MP.1, MP.7
2.	B	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.	A	KY.5.OA.2	MP.2
6.	C	KY.5.NF.4.a	MP.1, MP.4

Part B

Item Number	Answer Key	Kentucky Academic Standard	Mathematical Practices
1.	A	KY.5.G.2	MP.6, MP.8
2.	C	KY.5.MD.5.c	MP.1, MP.8
3.	C	KY.5.OA.3.b	MP.2
4.	C	KY.5.MD.5.b	MP.1, MP.4
5.	A	KY.5.G.4	MP.1, MP.7

Rubric

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.