Practice Test Answer and Alignment Document

Mathematics – Grade 3

Part A

Item Number	Answer Key	Kentucky Academic Standard	Mathematical Practices
1.	**A**	KY.3.NBT.2	MP.2
2.	**D**	KY.3.MD.1	MP.1, MP.4
3.	**D**	KY.3.OA.6	MP.2
4.	**D**	KY.3.NF.1	MP.2
5.	**B, E**	KY.3.OA.5	MP.2, MP.7

Part B

Item Number	Answer Key	Kentucky Academic Standard	Mathematical Practices
1.	See rubric	KY.3.MD.8.c	MP.2
2.	**A**	KY.3.G.1.b	MP.7
3.	**B**	KY.3.G.2	MP.5
4.	**B**	KY.3.MD.7.d	MP.1, MP.8
5.	**A**	KY.3.NF.3.b	MP.2, MP.7
6.	**C**	KY.3.NBT.1	MP.5,MP.7

Rubric

Part B #1	
Rubric	
Score Point 2	Student demonstrates a complete understanding of solving a real-world problem using rectangles with the same perimeter and different areas.
Score Point 1	Student demonstrates a partial understanding of solving a real-world problem using rectangles with the same perimeter and different areas.
Score Point 0	Student response is insufficient to demonstrate a grade-appropriate, relevant understanding of the task.
Score Points	• Score 2 points: ○ Correct answer of a width of 4 feet and a complete explanation of why 4 feet yields a greater area. • Score 1 point: ○ Incorrect answer with a complete explanation **OR** ○ Correct answer with incomplete or no explanation.
Correct Answer	A width of 4 feet gives a greater area because a width of 3 feet means he has to have a length of 8 feet and $\mathbf{3 \times 8 = 24}$ square feet. A width of 4 feet means he has to have a length of 7 feet and $\mathbf{4 \times 7 = 28}$ square feet. 28 square feet is greater than 24 square feet. Note: Other reasonable explanations are acceptable.