



Practice Test Answer and Alignment Document
Mathematics – Grade 6

Part A

Item Number	Answer Key	Kentucky Academic Standard	Mathematical Practices
1.	A, B	KY.6.EE.5	MP.8
2.	D	KY.6.NS.6.b	MP.6
3.	D	KY.6.RP.2	MP.2
4.	See rubric	KY.6.NS.2	MP.7, MP.8
5.	C	KY.6.SP.5.b	MP.6, MP.7

Part B

Item Number	Answer Key	Kentucky Academic Standard	Mathematical Practices
1.	C	KY.6.G.4	MP.6
2.	D	KY.6.SP.4	MP.6, MP.7
3.	See rubric	KY.6.G.3	MP.4, MP.5, MP.6
4.	B, D	KY.6.EE.3	MP.7
5.	C	KY.6.RP.1	MP.6

Rubrics

Part A #4	
Rubric	
Score Point 2	Student demonstrates a complete understanding of converting a rational number to a decimal and identifying if it is repeating or terminating.
Score Point 1	Student demonstrates a partial understanding of converting a rational number to a decimal and identifying if it is repeating or terminating.
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 and complete explanation that includes the decimal value of $\frac{11}{18}$. • Score 1 point: <ul style="list-style-type: none"> ○ Correct answer with no or partial explanation OR ○ Valid work shown using long division.
Correct Answer	The decimal value of $\frac{11}{18}$ is 0.6111 ... which is a repeating decimal. This decimal is a repeating decimal because the division does not have a remainder of 0 and continues because it always has the same remainder of 2.

Part B #3	
Rubric	
Score Point 2	Student demonstrates a complete understanding of applying the techniques of drawing a polygon in the coordinate plane given coordinates for the vertices and using the coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate in a mathematical problem.
Score Point 1	Student demonstrates a partial understanding of applying the techniques of drawing a polygon in the coordinate plane given coordinates for the vertices and using the coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate in a mathematical problem.
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 complete explanation or work shown. • Score 1 points: <ul style="list-style-type: none"> ○ Correct answer with partial or no explanation or work shown. OR ○ Incorrect answer with complete explanation or work shown.
Correct Answer	<p>The base of the triangle is 10 units and the height is 12 units.</p> $A = \frac{1}{2} \times 10 \times 12$ $A = 60$ <p>The area of the triangle is 60 square units.</p>