Texas Through-year Assessment Pilot (TTAP) Item Samplers – Grade 3 Math

Provided are three sets of examples that demonstrate the difference between the difficulty level classifications within the same standard. The items are categorized as Did Not Meet, Approaches, Meets, or Masters. More information about item difficulty can be found on TTAP Individual Student Reports (ISRs).

Item Sampler Set 1

3.3(H): compare two fractions having the same numerator or denominator in problems by reasoning about their sizes and justifying the conclusion using symbols, words, objects, and pictorial models

Did Not Meet 3.1.3.H	Approaches 3.1.3.H	Meets 3.1.3.H	Masters 3.1.3.H
The shaded parts of the model shown	The models shown are shaded to	Three friends are each drinking a	The models shown are shaded to
each represent a fraction.	represent two fractions of the same-	smoothie. All three smoothies are	represent two fractions of the same-
	sized whole. Model 1 Model 2 Model 2	 the same size. Sophie drinks 2/3 of her smoothie. Caleb drinks 2/4 of his smoothie. Annie drinks 2/8 of her smoothie. Which statements are true? 	sized whole.
Which comparison correctly compares the fractions from the	Create a true comparison of the two fractions	Select TWO correct answers.	Compare the fractions represented by the models.
models?	$\frac{5}{8}$ $\frac{5}{6}$ $\frac{1}{5}$ $\frac{3}{5}$ > < =	A. Sophie drinks more than Annie because 2/3 > 2/8.	Choose the correct answer (equal to,
A. 3/8 < 5/8 B. 5/8 < 3/8		B. Annie drinks more than Caleb because 2/8 > 2/4.	down menu to complete the sentence.
C. 3/8 = 5/8	Move the correct answer to each box. Not all answers will be used.	C. Caleb and Sophie drink the same	Since 2 is 3 and 6 is 6, 2/6
		D. Sophie drinks less than Caleb	is 3/6.
		because 2/3 <2/4.	
		E. Caleb drinks less than Sophie because 2/4 < 2/3.	
Answer: A	Answer: 5/6 > 5/8	Answer: A, E	Answer: less than, equal to, less than

Item Sampler Set 2

3.5(A): represent one- and two-step problems involving addition and subtraction of whole numbers to 1,000 using pictorial models, number lines, and equations.

Did Not Meet 3.2.5.A	Approaches 3.2.5.A	Meets 3.2.5.A	Masters 3.2.5.A
A softball team has 72 softballs. The team loses 29 softballs during the season. Complete an equation that can be used to find how many softballs the	Michelle makes 24 chocolate cupcakes and 12 vanilla cupcakes. She gives 13 cupcakes to a friend. Create an equation that can be used to find the number of cupcakes that	A bus has 36 passengers. At a bus stop, 5 passengers get on the bus and 8 passengers get off the bus. Which sets of equations can be used to find the number of passengers left on the bus?	Bill brings 37 boxes of fruit to a farmers' market. He sells 2 boxes of fruit. Which strip diagram can be used to find the number of boxes of fruit Bill has left?
team has at the end of the season. Choose the correct answer from each drop-down menu to complete	Michelle has left. Move the correct answer to each box. Each answer may be used more	Select TWO correct answers. A. 36+5 = 41	@ ? 2
the equation. 101 - 101 - 29 - 29 - 29 - 72 - 72 - 72 - 72 - 72	than once. Not all answers will be used.	41+8 = _ B. 36+5 = 41 41-8 = _	® 37 2
43	24 12 13 = 🗆	C. 36-5 = 31 31+8 = _ D. 36-8 = 28 28+5 = _	© 37 37
Answer: 72-29	Answer: +, -	E. 36+8 = 44 44+5 = _ Answer: B, D	Answer: A

Item Sampler Set 3

3.5(E): represent real-world relationships using number pairs in a table and verbal descriptions

Did Not Meet 3.2.5.E	Approaches 3.2.5.E	Meets 3.2.5.E	Masters 3.2.5.E
David sells pies at the market. He sells 1 pie	Emmanuel makes bracelets.	The table shows the number of	The table shows the numbers of
for \$5.	The table shows the number of	tickets Kristie and Emily each	flowers in different numbers of
	bracelets he makes with different	have over three days.	vases. Each vase has the same
Which table shows the amount of money	numbers of beads.	Kristie and Emily's Tickets	number of flowers.
David gets for selling different numbers of	Beads for Bracelets	Kristie's Tickets Emily's Tickets	Vases of Flowers
pies?	Number of Bracelets Number of Beads	350 400	Number of Vases Number of Flowers
Number of Amount of Money Sumber of Amount of Money	1 3	425 475	4 24
Pies (\$) i i	2 6	500 550	5 30
2 2 10	3 9	Complete the centence to	6 36
	4 12	describe the relationship shown	7 42
Number of Pies Amount of Money (\$) Number of 10 Amount of Money (\$) 10 2 6 3 7 15 3 7 4 8	 Based on the relationship in the table, which statements are true? Select TWO correct answers. A. The number of beads equals the number of bracelets times 3. B. The number of beads equals the number of bracelets times 6. C. The number of beads equals the number of bracelets times 9. D. The number of bracelets equals the number of bracelets equals the number of beads divided by 3. E. The number of beads divided by 6. 	in the table. Move the correct answer to each box. Not all answers will be used. minus plus times 25 50 75 The number of tickets Kristie has 	 table. Choose the correct answers to complete the sentence. The number of flowers equals the of the number of vases and Answer: product, 6
Answer: C	Answer: A, D	Answer: plus 50	F