Annotation Form

Anchor Set
Project: KY Math 2022 Operational Grade 5
MA052109
3 Times the Sum of 5 and 8

Paper	Doc ID	Score	Notes
a01	**AAAYIP1382 0000576054**	**1**	**Anchor Paper 1** **Score Point 1** This response receives full credit. It includes the required elements: • A correct expression [3 x (5 + 8)] with a complete explanation is provided (the model shows 5, then 8, 3 times).
a02	**AAAYIP1382 0000353349**	**1**	**Anchor Paper 2** **Score Point 1** This response receives full credit. It includes the required elements: • A correct expression [3 x (5 + 8)] with a complete explanation is provided (I put eight three times and five three times).
a03	**AAAYIP1382 0000179932**	**1**	**Anchor Paper 3** **Score Point 1** This response receives full credit. It includes the required elements: • A correct expression [3 x (5 + 8)] with a complete explanation is provided (By putting 3 groupings of 13).

Paper	Doc ID	Score	Notes
a04	**AAAYIP1382 0000566442**	**1**	**Anchor Paper 4** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A complete explanation is provided (I put 3 eights and 3 fives). The expression provided is not valid (3 + 5 x 3 = 39). The expression does not use 8, as required by the prompt, and with order of operations equals 18, not 39. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.
a05	**AAAYIP1382 0000490779**	**1**	**Anchor Paper 5** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A correct expression is provided [3 x (5 + 8)]. The explanation is not valid (my model showes 1 group of 3 one group of 5 ad one group of 8). Although the explanation reflects the incorrect model in Part A, it does not represent 3 times the sum of 5 and 8. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.
a06	**AAAYIP1382 0000416670**	**0**	**Anchor Paper 6** **Score Point 0** This response receives no credit. It does not include the required elements: The expression is not valid (3 x 5 + 8). The parenthesis around 5 + 8 is missing. Using order of operations this expression equals 23, not 39. There is no explanation provided.

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p101	**AAAYIP1382 0000037829**	**1**	**Practice Set 1, Paper 1** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A correct expression is provided [3 x (5 + 8) = 39]. An equation is provided, but an expression is a part of an equation and either an expression or equation are acceptable for credit. The explanation is not valid (there are 39 blocks in our model). The explanation is a solution to the expression (39) but does not relate the solution to the representation of the expression. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.
p102	**AAAYIP1382 0000698922**	**1**	**Practice Set 1, Paper 2** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A correct expression is provided [(5 + 8) x 3]. The explanation if insufficient (I took the sum of 5 and 8 which got the sum of 13 and multiplied it by 3 and got the product of 39). The explanation does not use the model from Part A. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.
p103	**AAAYIP1382 0000000054**	**0**	**Practice Set 1, Paper 3** **Score Point 0** This response receives no credit. It does not include the required elements: The expression is not valid (5 x 8 = 40 x 3 = 120). The multiplication of 5 x 8 is an incorrect process. There is no explanation provided.

Paper	RF Number	Score	Notes
p104	**AAAYIP1382 0000457809**	**1**	**Practice Set 1, Paper 4** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A correct expression is provided [3 x (5 + 8)]. There is no explanation provided. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.
p105	**AAAYIP1382 0000014410**	**0**	**Practice Set 1, Paper 5** **Score Point 0** This response receives no credit. It does not include the required elements: The expression is not valid [(3x) + (5&8)]. The parenthesis around 5 + 8 is present, however, this expression is incorrectly constructed as it is an addition problem and not a multiplication problem. There is no explanation provided.
p106	**AAAYIP1382 0000482610**	**1**	**Practice Set 1, Paper 6** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A complete explanation is provided (In the model above i added three eights and three fives). The statement provided is an explanation and not an expression. There is no expression provided. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.
p107	**AAAYIP1382 0000516008**	**1**	**Practice Set 1, Paper 7** **Score Point 1** This response receives full credit. It includes the required elements: • A correct expression [(8) + 5 = 13) x 3 = 39] with a complete explanation is provided (the addends were written three times). A run-on equation is shown, but a valid expression is a part of the run-on equation and receives credit.

Paper	RF Number	Score	Notes
p108	**AAAYIP1382 0000029443**	**1**	**Practice Set 1, Paper 8** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A correct expression is provided (13 x 3 = 39). The explanation is incorrect (Thus, the answer is thirty-nine). The explanation is only a solution to the expression (39) and does not relate it to the model or expression. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.
p109	**AAAYIP1382 0000524128**	**1**	**Practice Set 1, Paper 9** **Score Point 1** This response receives full credit. It includes the required elements: • A correct expression (3 x 13) with a complete explanation is provided (3 groups of five and 3 groups of eight). 3 x 13 is an acceptable expression.
p110	**AAAYIP1382 0000240611**	**1**	**Practice Set 1, Paper 10** **Score Point 1** This response receives full credit. It includes the required elements: • A correct expression [(5 + 8) + (5 + 8) + (5 + 8)] with a complete explanation is provided (they both show 5 and 8 being added 3 times). The repeated addition of 5 + 8 is an acceptable expression.

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p201	**(P201)** **AAAYIP1382 0000016301**	**1**	**Practice Set 2, Paper 1** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A correct expression is provided [(8 + 5) 3x]. Note that the closing parenthesis is grayed out and the multiplier follows the parentheses. This method of providing an expression is acceptable. No explanation is provided. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.
p202	**(P202)** **AAAYIP1382 0000385458**	**1**	**Practice Set 2, Paper 2** **Score Point 1** This response receives full credit. It includes the required elements: • A correct expression [(5 + 8) x 3 = 39] with a complete explanation is provided (there were three of the eight squares and three of the five squares. When you add them up you will still get thirty-nine). Note that equations or expressions are acceptable for credit.
p203	**(P203)** **AAAYIP1382 0000322798**	**1**	**Practice Set 2, Paper 3** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A complete explanation is provided (I put 5 squares inside the rectangle along with 8 squares put two more sets of 5 and 8). The explanation accounts for using three sets of 5 and three sets of 8. The response provides a correct expression (13 x 3 = 39) and an incorrect expression (3 x 5 + 8). Since two expressions are given and they are not both correct, there is no credit for the expression since it is not clear which is meant to be the answer. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.

Paper	RF Number	Score	Notes
p204	**(P204)** **AAAYIP1382 0000018464**	**1**	**Practice Set 2, Paper 4** **Score Point .5** This response receives partial credit. It includes one of the required elements: • A correct expression [(3 x 5) + (3 x 8) = 39]. This is an alternate way to arrive at a correct expression. An explanation is not provided and does not use the model from Part A. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.
p205	**(P205)** **AAAYIP1382 0000006083**	**1**	**Practice Set 2, Paper 5** **Score Point 1** This response receives full credit. It includes the required elements: • A correct expression [(8 + 5) x 3] as well as a run-on addition problem (8 + 5 … = 39) with a complete explanation is provided (which is also equlalent to (8 + 5) x 3). The student then provided the explanation missing from P2-4 (8 + 5 = 13 and 13 x 3 is 39 so 8 x 3 = 24 and 5 x 3 = 15… 39).
p206	**(P206)** **AAAYIP1382 0000018457**	**1**	**Practice Set 2, Paper 6** **Score Point 1** This response receives full credit. It includes the required elements: • A correct expression [3 x 13 = 13 x 3... = 13 + 13 +13 = 39] with a complete explanation is provided (i knew 5 plus 8 is 13 so then i did 3 times 13...).
p207	**(P207)** **AAAYIP1382 0000142542**	**0**	**Practice Set 2, Paper 7** **Score Point 0** This response receives no credit. It does not include the required elements: The expression is not valid (3 x 5 x 8 = 16). Using order of operations this expression equals 120, not 39. There is no explanation provided.

Paper	RF Number	Score	Notes
p208	**(P208)** **AAAYIP1382 0000145061**	**1**	**Practice Set 2, Paper 8** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A complete explanation is provided (so I first added up the 5 plus 8 and then multiplyed it by 3). Note that equations or expressions are acceptable for credit. An incorrect expression is provided [5 + 8 x 3 = 39]. The parenthesis around 5 + 8 is missing. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.
p209	**(P209)** **AAAYIP1382 0000145554**	**1**	**Practice Set 2, Paper 9** **Score Point 1** This response receives full credit. It includes the required elements: • A correct expression is provided (13 x 3). The explanation addresses the grouping of the numbers from Part A (in the model i did 5 x 6 or 10 x 3. Then i did 3 x 3. 10 x 3 = 30 and 3 x 3 = 9… 39).
p210	**(P210)** **AAAYIP1382 0000016327**	**1**	**Practice Set 2, Paper 10** **Score Point 0.5** This response receives partial credit. It includes one of the required elements: • A correct expression is provided (3 x (5 + 8)). The explanation is incorrect (the anwser whould be 39). The explanation is only a solution to the expression (39) and does not relate it to the model or expression. Note: A score of .5 on a response is rounded up to a score point 1 for scoring purposes.

Qualification Set #1
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Paper	RF Number	Score	Notes
q101	AAAYIP1382 0000014412	0	Qualification Set 1, Paper 1 Score Point 0
q102	AAAYIP1382 0000016353	1	Qualification Set 1, Paper 2 Score Point 1
q103	AAAYIP1382 0000142546	1	Qualification Set 1, Paper 3 Score Point .5
q104	AAAYIP1382 0000018423	1	Qualification Set 1, Paper 4 Score Point 1
q105	AAAYIP1382 0000014415	0	Qualification Set 1, Paper 5 Score Point 0
q106	AAAYIP1382 0000019412	1	Qualification Set 1, Paper 6 Score Point .5
q107	AAAYIP1382 0000145129	1	Qualification Set 1, Paper 7 Score Point .5
q108	AAAYIP1382 0000144916	0	Qualification Set 1, Paper 8 Score Point 0
q109	AAAYIP1382 0000146809	1	Qualification Set 1, Paper 9 Score Point 1
q110	AAAYIP1382 0000146943	1	Qualification Set 1, Paper 10 Score Point 1

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q201	AAAYIP1382 0000150704	1	Qualification Set 2, Paper 1 Score Point .5
q202	AAAYIP1382 0000147251	0	Qualification Set 2, Paper 2 Score Point 0
q203	AAAYIP1382 0000150856	1	Qualification Set 2, Paper 3 Score Point .5
q204	AAAYIP1382 0000151320	1	Qualification Set 2, Paper 4 Score Point .5
q205	AAAYIP1382 0000150492	0	Qualification Set 2, Paper 5 Score Point 0
q206	AAAYIP1382 0000151332	1	Qualification Set 2, Paper 6 Score Point .5
q207	AAAYIP1382 0000150744	0	Qualification Set 2, Paper 7 Score Point 0
q208	AAAYIP1382 0000152653	1	Qualification Set 2, Paper 8 Score Point .5
q209	AAAYIP1382 0000153458	1	Qualification Set 2, Paper 9 Score Point 1
q210	AAAYIP1382 0000151316	0	Qualification Set 2, Paper 10 Score Point 0