

Name: \_\_\_\_\_ ID: \_\_\_\_\_

**Instructions:**

1. Administer quiz

2. Pass out Student Answer key. Ask students to write their answers in the "Answer" column and mark/circle their corresponding distractor in the next column.

Example:

Question	Objective	Answer	Distractor			
			A	B	C	D
1	3.4E - Supporting - Math	<b>A</b>	✓ 1	Expressions-multiplication is repeated addition	Process - Wrong Operation	Expressions-multiplication is repeated addition
2	3.5B - Readiness - Math	<b>C</b>	Fluency - Calculation Error		<del>Process - Wrong Operation</del>	Process - Wrong Operation
3	3.5B - Readiness - Math	<b>C</b>	Process - Only completed 1 step		<del>Process - Wrong Operation</del>	Process - Wrong Operation

3. Ask student to answer the question below:

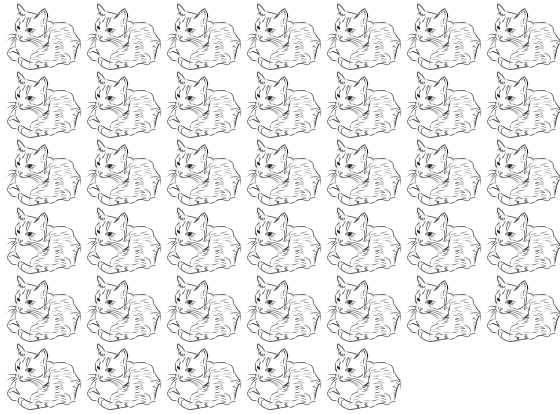
Which distractor, if any, did you choose the most? Process - Wrong operation. If they chose two the most, then ask them to write both.

4. Teachers can sort and group the students based on answer to #3.

5. Use the small group schedule below and mini lesson resources for Process – Wrong Operation from our website to teach/reteach.

Small Group Schedule			
Process – Wrong Operation	Fluency – Calculation Error	Expression – Multi is Repeated Addition	Process – Only Completed 1 step
Robert	Nancy	Priya	Greg
Joe	Sue	Nancy	Elizabeth
Michael	Lee	Sung	Marcus
Ezequiel	Jordan	Adonis	Vanessa

1. A local cat shelter finds good homes for stray cats. The number of cats at the shelter is shown below.



Workers at the shelter put 5 cats into each cage. Which number sentence shows the number of cages the workers at the shelter will use to fit all of the cats?

- A.  $40 \div 5 = 3$
- B.  $40 \div 5 = 7$
- C.  $40 \div 5 = 9$
- D.  $40 \div 5 = 8$

2. The picture below shows the number of motorcycles at a dealership.



A salesman arranged the motorcycles so that there were 7 equal rows. How many motorcycles were in each row?

- A. 7, because  $21 \div 3 = 7$
- B. 4, because  $21 \div 7 = 4$
- C. 3, because  $21 \div 7 = 3$
- D. 147, because  $21 \times 7 = 147$

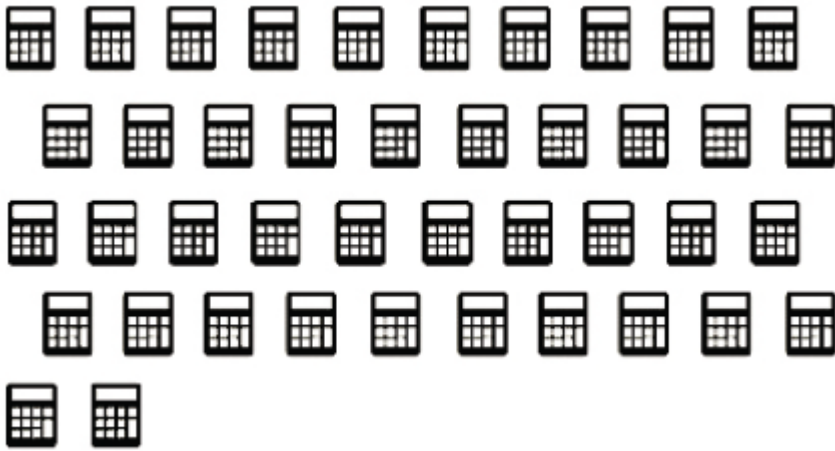
3. Nina will store 32 scissors in 4 boxes in her classroom. There will be an equal number of scissors in each of the boxes.



How many scissors will be in each of the boxes?

- A. 28, because  $32 - 4 = 28$
- B. 36, because  $32 + 4 = 36$
- C. 128, because  $32 \times 4 = 128$
- D. 8, because  $32 \div 4 = 8$

4. The calculators shown below will be placed in 7 columns on a desk. There will be an equal number of calculators in each column.



Which number sentence shows the number of calculators that will be in each column?

- A.  $42 \div 3 = 14$
- B.  $42 \div 7 = 6$
- C.  $42 \div 7 = 7$
- D.  $48 \div 6 = 8$

5. The picture below shows the number of candies Mr. Cruz wants to put into jars.



He will put 4 candies into each jar. Which number sentence shows the number of jars that Mr. Cruz needs for his candies?

- A.  $44 \div 4 = 11$
- B.  $45 \div 5 = 9$
- C.  $44 \div 4 = 10$
- D.  $44 \div 6 = 8$

Question	Objective	Answer	Distractor			
			A	B	C	D
1	3.4H - Supporting - Math		Fluency- Division error with pictures	Fluency- Division error with pictures	Fluency- Division error with pictures	
2	3.4H - Supporting - Math		Process - Misread Question	Fluency- Division error with pictures		Process - Wrong Operation
3	3.4H - Supporting - Math		Process - Wrong Operation	Process - Wrong Operation	Process - Wrong Operation	
4	3.4H - Supporting - Math		Process - Misread Question		Fluency - Calculation Error	Fluency - Counted Wrong
5	3.4H - Supporting - Math			Process - Misread Question	Fluency- Division error with pictures	Fluency- Division error with pictures

Which Distractor, if any, did you choose the most? \_\_\_\_\_

### Teacher Answer Key

Question	Objective	Answer
1	3.4H - Supporting - Math	D
2	3.4H - Supporting - Math	C
3	3.4H - Supporting - Math	D
4	3.4H - Supporting - Math	B
5	3.4H - Supporting - Math	A



