

GRADE  
**5**

# Mid-Year Assessment

## Standards-Based Mathematics

**Simple**   
**Solutions.**  
Minutes a Day—Mastery for a Lifetime!

# Using the Simple Solutions Mid-Year Math Assessment: A Teacher's Guide

This **Simple Solutions Mid-Year Standards-Based Math Assessment** is designed to help you evaluate student progress halfway through the year, providing valuable insights into individual performance, class mastery, and where students need your targeted support most.

## Why Use These Assessments



**Standards Aligned:** Each item connects directly to grade-level math standards



**Data-Driven Instruction:** Use results to pinpoint strengths and gaps



**Built-in Review:** Prepares students for year-end assessments while reinforcing prior learning



**Easy to Administer:** Flexible timing and straightforward format

## Before the Assessment:



**Follow the Simple Solutions Approach and Routine** in the weeks leading up to the Mid-Year Assessment to review covered standards, ensure students are familiar with all topics, and give students ample practice with this routine.



**Set and consistently reinforce** clear testing expectations, such as silent voices, eyes on your own paper, and raise your hand.



**Use any remaining time** to check your work.



**Decide** if your assessment will be taken on paper or digitally through the S<sup>2</sup>TaR Center.

## During the Assessment:

- ✓ **Tell students**, “Today, we are going to do a Mid-Year Assessment to see which \_\_ grade math skills you have mastered and which ones you might need extra help with. Do your best.”
- ✓ **Review** your class testing expectations.
- ✓ **Cover anchor charts** so students rely on their own knowledge.
- ✓ **Provide time checks** until time is up.

## After the Assessment:

- ✓ **Grade paper assessments** and enter data into the S<sup>2</sup>TaR Center. Digital quizzes are instantly graded.
- ✓ **Generate data reports** to analyze student needs and trends. Some data reporting options include:
  - Course Reports for class averages, student scores, individual student progress, and minutes spent completing each question
  - Standards Reports for class standards mastery, individual student’s standards mastery, and minutes spent completing each question
- ✓ **Use the Worksheet Generator** in the S<sup>2</sup>TaR Center to create additional practice aligned with student needs.
- ✓ **Share progress data** with students and families to celebrate growth and set goals.

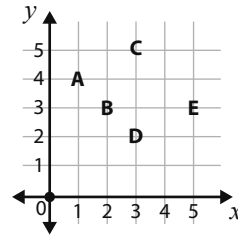
## Mid-Year Assessment

- $[3 \times (89 - 26)] \div 9 = ?$
- Snow is steadily falling in the Canadian Rockies. If the pattern continues, how many centimeters will there be in hour 4 and 5? Use the correct abbreviation.

<b>Hour</b>	1	2	3	4	5
<b>Centimeters of snow</b>	7	14	21	?	?

- Write the expression: 320 divided by 8, and then multiply by  $\frac{1}{2}$ .

- What letter is located at (5, 3)?  
What letter is located at (2, 3)?



- $\frac{3}{5} + \frac{2}{7} = ?$  Show your work.

- $75.536 \times 10^2$

- Which polygons are congruent?



- Convert 128 ounces to pounds. Use the correct abbreviation.
- The value of the underlined number equals  $4 \times ?$      7,346,254
- Write twenty one and nine hundred forty seven thousandths as a decimal.
- Round 433.4371 to the nearest hundredth.
- Round 79.1272 to the nearest thousandth.
- $56 \times 88 = ?$
- Write a multiplication equation related to  $2849 \div 7 = n$ . Then solve for  $n$ .
- Estimate first, then find the exact quotient.  $4.85 \div 9 = ?$

**Mid-Year Assessment****1.** 5.OA.1**2.** 5.OA.3**3.** 5.OA.2**4.** 5.G.1**5.** 5.NF.1**6.** 5.NBT.2**7.** 5.G.4**8.** 5.MD.1**9.** 5.NBT.1**10.** 5.NBT.3**11.** 5.NBT.4**12.** 5.NBT.4**13.** 5.NBT.5**14.** 5.NBT.6**15.** 5.NBT.7

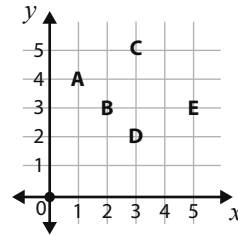
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<b>1.</b> 5.OA.1  21	<b>2.</b> 5.OA.3  Hour 4 = 28 cm Hour 5 = 35 cm	<b>3.</b> 5.OA.2  $(320 \div 8) \times \frac{1}{2}$
<b>4.</b> 5.G.1  E  B	<b>5.</b> 5.NF.1  $\frac{21}{35} + \frac{10}{35} = \frac{31}{35}$	<b>6.</b> 5.NBT.2  7553.6
<b>7.</b> 5.G.4  C and D	<b>8.</b> 5.MD.1  8 lb	<b>9.</b> 5.NBT.1  10,000
<b>10.</b> 5.NBT.3  21.947	<b>11.</b> 5.NBT.4  433.44	<b>12.</b> 5.NBT.4  79.127
<b>13.</b> 5.NBT.5  4,928	<b>14.</b> 5.NBT.6  $n \times 7 = 2849$  $n = 407$	<b>15.</b> 5.NBT.7  Estimate $\approx .5$  Exact quotient = .54