1. Look at the expression.

\[10 + \frac{x}{2}\]

**Part A**
Evaluate the expression for \(x = 4\).
Enter your response in the gridded area:

**Part B**
Evaluate the expression for \(x = 32\).
Enter your response in the gridded area:
2. Which pair of numbers has a greatest common factor (GCF) of 32?
   A. 8 and 32
   B. 16 and 32
   C. 24 and 64
   D. 64 and 96

3. The price of apples at three different stores is shown below.
   Store R sells apples for $1.20 per pound.
   Store S sells 4 pounds of apples for $5.00.
   Store T sells 3 pounds of apples for $3.48.
   Which of these is a true statement?
   A. Store R sells apples at the lowest rate.
   B. Store T sells apples at the lowest rate.
   C. Store S charges a lower rate for apples than Store T.
   D. Store T charges the same rate for apples as Store R.
4. Look at the rectangle.

What is the area of the rectangle, written in simplest form?

A. \( \frac{5}{9} \text{ ft}^2 \)
B. \( \frac{3}{4} \text{ ft}^2 \)
C. \( 3 \text{ ft}^2 \)
D. \( 3 \frac{1}{3} \text{ ft}^2 \)

5. Two boys earn money mowing lawns. Jacob mowed 12 lawns this week. He mowed 3 times as many lawns as Kevin mowed.

In which equation does the box represent the number of lawns Kevin mowed?

A. \( 3 + □ = 12 \)
B. \( 3 \times □ = 12 \)
C. \( 12 + 3 = □ \)
D. \( 12 \times 3 = □ \)
6. Jason sells trail mix online. The table below lists the number of boxes in the orders on one day for his most popular fruit and nut mix.

<table>
<thead>
<tr>
<th>Fruit and Nut Mix Orders</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 60 90 90 100</td>
</tr>
<tr>
<td>80 50 50 100 50</td>
</tr>
<tr>
<td>90 90 60 80 90</td>
</tr>
<tr>
<td>80 90 90 100 90</td>
</tr>
</tbody>
</table>

Which dot plot represents the data in the table?
7. Which attributes do all squares and all rhombuses have in common? Select all that apply.

A. right angles
B. acute and obtuse angles
C. four angles of equal size
D. four sides of equal length
E. two pairs of parallel sides
F. exactly one pair of parallel sides
ANSWER KEY:

1. Part A—12
   Part B—26
2. D
3. B
4. A
5. B
6. D
7. D, E