1. Draw a shape that has no lines of symmetry. answer will vary

2. Draw a shape that has exactly 1 line of symmetry. Draw the line of symmetry.

3. Draw a shape that has exactly 2 lines of symmetry. Draw the lines of symmetry.

4. Draw a shape that has more than two lines of symmetry. Draw the lines of symmetry.

5. Which figure below is a translation (slide) of the original figure?

   ![Original Figure]

   ![Figure A]
   ![Figure B]
   ![Figure C]
Answer Key

6. Which figure below shows the original figure rotated (turned) counterclockwise $\frac{1}{4}$ turn?

![Original Figure]

[A] ![Rotated Figure A]

[B] ![Rotated Figure B]

[C] ![Rotated Figure C]

7. Which figure below shows the original figure rotated (turned) clockwise $\frac{1}{4}$ turn?

![Original Figure]

[A] ![Rotated Figure A]

[B] ![Rotated Figure B]

[C] ![Rotated Figure C]

8. Use a transparent mirror to draw the reflection of the pre-image.

![Reflection Example]
9. Use a transparent mirror to draw the other half of the figure across the line of symmetry.

10. Fill in the table of equivalent fractions, decimals, and percents.

<table>
<thead>
<tr>
<th>Fraction</th>
<th>Decimal</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>$\frac{1}{4}$</td>
<td>0.25</td>
<td>25%</td>
</tr>
<tr>
<td>$\frac{6}{10}$</td>
<td>0.6</td>
<td>60%</td>
</tr>
<tr>
<td>$\frac{1}{10}$</td>
<td>0.10</td>
<td>10%</td>
</tr>
<tr>
<td>$\frac{90}{100}$</td>
<td>0.90</td>
<td>90%</td>
</tr>
<tr>
<td>$\frac{6}{6}$</td>
<td>1.0</td>
<td>100%</td>
</tr>
</tbody>
</table>

11. Add or subtract.

a. $\frac{5}{5} \text{ or } 1 = \frac{2}{5} + \frac{3}{5}$
   $$\frac{5}{5} \text{ or } 1 = \frac{5}{5}$$

b. $\frac{4}{3} = \frac{2}{3} + \frac{2}{3}$

c. $\frac{3}{3} - \frac{1}{3} = \frac{2}{3}$

d. $\frac{2}{5} - \frac{1}{5} = \frac{1}{5}$
12. Add or subtract.
   a. \( \frac{12}{13} + \frac{16}{17} \)
   b. \( \frac{1}{5} + \frac{1}{11} \)
   c. \( \frac{5}{8} - \frac{4}{5} \)
   d. \( \frac{5}{8} - \frac{1}{5} \)

13. Add.
    \( 6 + (-4) = 2 \)

    \( 4 + (-2) = 2 \)

15. Add.
    \( -3 + 2 = -1 \)

16. Miss Paul had $50.90 in her saving account. She withdrew $10.39. A week later, she
deposited $10.05. What is the new balance in her saving account? Write a number model to
show what you did.
    \( $50.91 - 10.39 = $40.52 + 10.05 = $50.57 \)

Measure each angle below as accurately as you can. From the following, choose the type for each
angle: acute, right, obtuse, straight, or reflex.

17. \( \text{acute} \)

18. \( \text{obtuse} \)

19. Locate the position of the decimal point in the quotient.
    \( 5185 = 259.25 + 5 \)

20. Locate the position of the decimal point in the product.
    \( 2.52 \times 54 = 13608 \)