



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

Date: \_\_\_\_\_

# Transformations Intro

*Solve for  $x$ . Show your work.*

1. Which transformation preserves distance and angle measures?
2. Which transformation preserves distance and angle measures?
3. Which transformation preserves distance and angle measures?
4. Which transformation preserves distance and angle measures?
5. Which transformation preserves distance and angle measures?
6. Which transformation preserves distance and angle measures?
7. Which transformation preserves distance and angle measures?
8. Which transformation preserves distance and angle measures?



# Transformations Intro – Answer Key

1. Which transformation preserves distance and angle measures?

`\text{Translation, Rotation, and Reflection (rigid motions)}`

2. Which transformation preserves distance and angle measures?

`\text{Translation, Rotation, and Reflection (rigid motions)}`

3. Which transformation preserves distance and angle measures?

`\text{Translation, Rotation, and Reflection (rigid motions)}`

4. Which transformation preserves distance and angle measures?

`\text{Translation, Rotation, and Reflection (rigid motions)}`

5. Which transformation preserves distance and angle measures?

`\text{Translation, Rotation, and Reflection (rigid motions)}`

6. Which transformation preserves distance and angle measures?

`\text{Translation, Rotation, and Reflection (rigid motions)}`

7. Which transformation preserves distance and angle measures?

`\text{Translation, Rotation, and Reflection (rigid motions)}`

8. Which transformation preserves distance and angle measures?

`\text{Translation, Rotation, and Reflection (rigid motions)}`