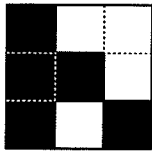


Unit 10 Study Guide

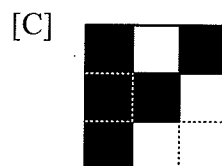
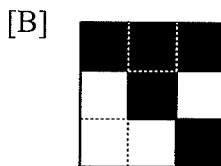
Symmetry & Reflection

Name _____ Date _____

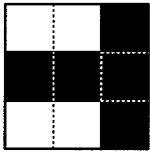
1. Draw a shape that has no lines of symmetry.
2. Draw a shape that has exactly 1 line of symmetry. Draw the line of symmetry.
3. Draw a shape that has exactly 2 lines of symmetry. Draw the lines of symmetry.
4. Draw a shape that has more than two lines of symmetry. Draw the lines of symmetry.
5. Which figure below is a translation (slide) of the original figure?



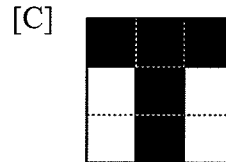
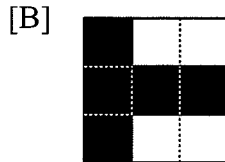
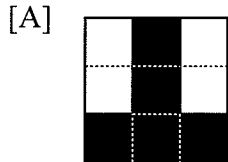
Original



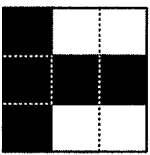
6. Which figure below shows the original figure rotated (turned) counterclockwise $\frac{1}{4}$ turn?



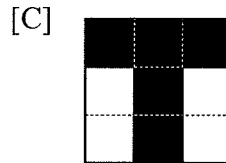
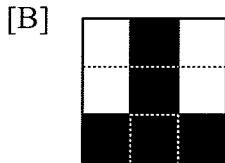
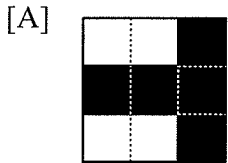
Original



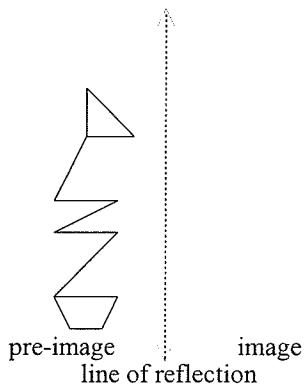
7. Which figure below shows the original figure rotated (turned) clockwise $\frac{1}{4}$ turn?



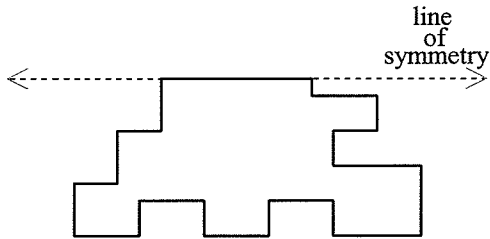
Original



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



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.

Fraction	Decimal	Percent
$\frac{1}{4}$		
	0.75	
		60%
	0.10	
		90%
$\frac{6}{6}$		

11. Add or subtract.

a. $\underline{\hspace{2cm}} = \frac{2}{5} + \frac{3}{5}$

b. $\underline{\hspace{2cm}} = \frac{2}{3} + \frac{2}{3}$

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

d. $\frac{2}{5} - \frac{1}{5} = \underline{\hspace{2cm}}$

12. Add or subtract.

a. $\frac{12}{13} + \frac{16}{17}$

b. $1\frac{1}{5} + \frac{11}{12}$

c. $1\frac{5}{6} - \frac{11}{12}$

d. $\frac{7}{8} - \frac{4}{5}$

13. Add.

$6 + (-4)$

14. Add.

$4 + (-2)$

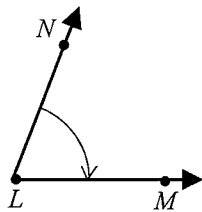
15. Add.

$-3 + 2$

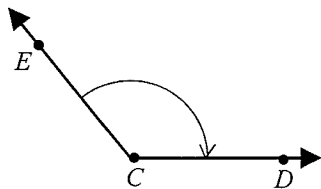
16. Miss Paul had \$50.90 in her saving account. She withdrew \$10.39. A week later, she deposited \$10.05. What is the new balance in her saving account? Write a number model to show what you did.

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.



18.



19. Locate the position of the decimal point in the quotient.
 $5185 = 259.25 \div 5$

20. Locate the position of the decimal point in the product.
 $2.52 * 54 = 13608$