

Name _____

Line Symmetry

COMMON CORE STANDARD CC.4.G.3

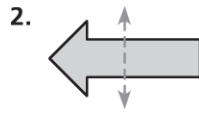
Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

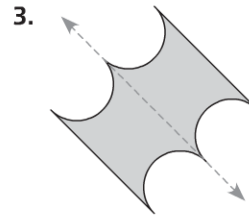
Tell if the dashed line appears to be a line of symmetry.

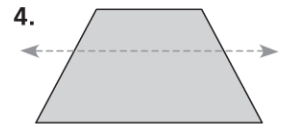
Write *yes* or *no*.



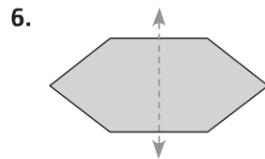
yes

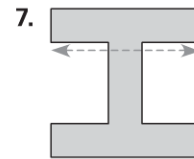


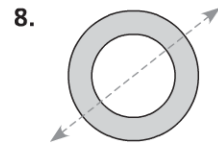




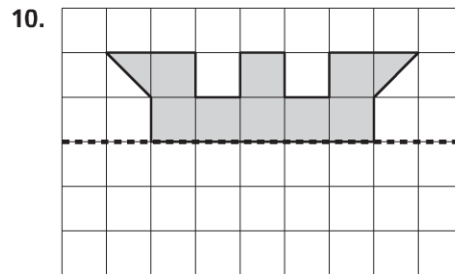
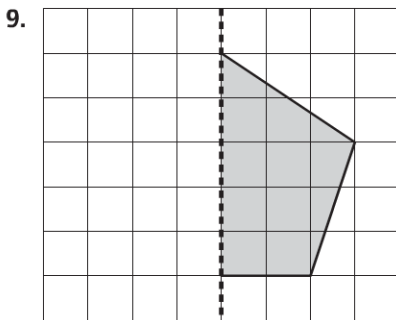






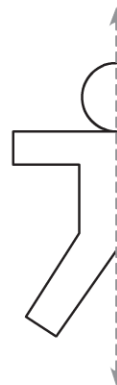


Complete the design by reflecting over the line of symmetry.



Problem Solving **REAL WORLD**

11. Kara uses the pattern at the right to make paper dolls. The dashed line represents a line of symmetry. A complete doll includes the reflection of the pattern over the line of symmetry. Complete the design to show what one of Kara's paper dolls looks like.



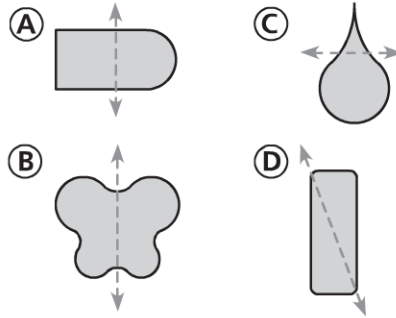
Lesson Check (CC.4.G.3)

1. Which best describes the line of symmetry in the letter D?



- (A) horizontal
- (B) vertical
- (C) diagonal
- (D) half turn

2. Which shape has a correctly drawn line of symmetry?



Spiral Review (CC.4.NBT.5, CC.4.NBT.6, CC.4.NF.2, CC.4.NF.4c)

3. The class has 360 unit cubes in a bag. Johnnie divides the unit cubes equally among 8 groups. How many unit cubes will each group get? (Lesson 4.11)

- (A) 40
- (B) 44
- (C) 45
- (D) 48

4. There are 5,280 feet in one mile. How many feet are there in 6 miles? (Lesson 2.11)

- (A) 30,680
- (B) 31,260
- (C) 31,608
- (D) 31,680

5. Sue has 4 pieces of wood. The lengths of her pieces of wood are $\frac{1}{3}$ foot, $\frac{2}{5}$ foot, $\frac{3}{10}$ foot, and $\frac{1}{4}$ foot. Which piece of wood is the shortest? (Lesson 6.7)

- (A) the $\frac{1}{3}$ -foot piece
- (B) the $\frac{2}{5}$ -foot piece
- (C) the $\frac{3}{10}$ -foot piece
- (D) the $\frac{1}{4}$ -foot piece

6. Alice has $\frac{1}{5}$ as many miniature cars as Sylvester has. Sylvester has 35 miniature cars. How many miniature cars does Alice have? (Lesson 8.5)

- (A) 7
- (B) 9
- (C) 40
- (D) 175