

Name _____

Due Tuesday!



Unit 6 Assessment Study Guide!

Check Vocabulary

Choose the best term from the box to complete the sentence.

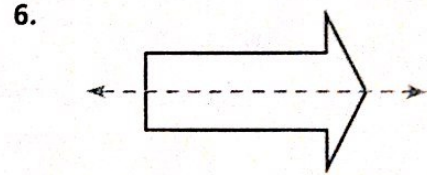
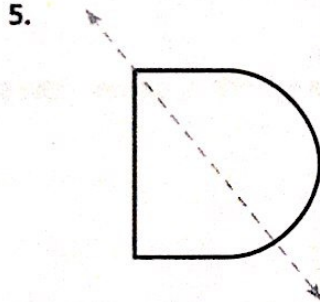
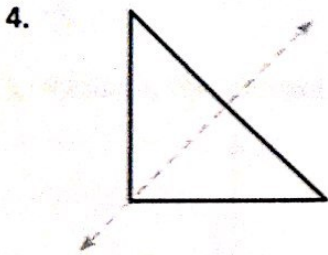
1. A _____ is a quadrilateral with exactly one pair of parallel sides. (p. 367)
2. A shape has _____ if it can be folded about a line so that its two parts match exactly. (p. 371)
3. A _____ has one endpoint and continues without end in one direction. (p. 355)

Vocabulary
line symmetry
parallelogram
ray
trapezoid

Check Concepts

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

Write *yes* or *no*. MCC4.G.3



Use Figure A for 7–9. MCC4.G.1

7. Name a pair of perpendicular lines.

8. Name a pair of intersecting lines that are not perpendicular.

9. Classify $\angle AGD$. Write *acute*, *right*, or *obtuse*.

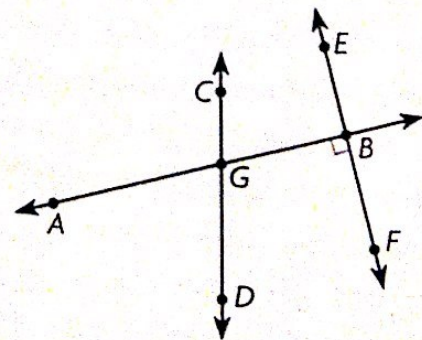

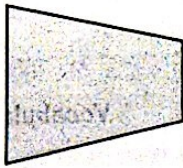



Figure A

Fill in the bubble completely to show your answer.


10. Which describes the shape?  MCC4.G.3



- (A) zero lines of symmetry
- (B) 1 line of symmetry
- (C) 2 lines of symmetry
- (D) more than 2 lines of symmetry

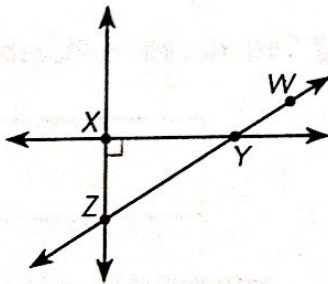
11. Which figure does **not** have two pairs of parallel sides?  MCC4.G.2

- (A) parallelogram
- (B) trapezoid
- (C) rhombus
- (D) square

12. How many right angles can be in an obtuse triangle?  MCC4.G.2

- (A) 0
- (B) 1
- (C) 2
- (D) 3

13. Which is the correct label for a right angle in the figure?  MCC4.G.1



- (A) $\angle XYZ$
- (B) $\angle XYW$
- (C) $\angle ZXY$
- (D) $\angle ZYX$

14. Which of the following letters of the alphabet has line symmetry?

 MCC4.G.3

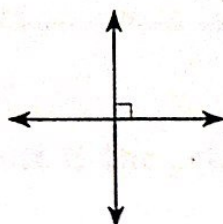
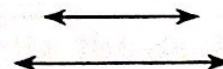
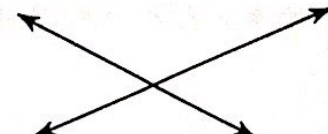

- (A) S
- (B) F
- (C) H
- (D) N

Fill in the bubble completely to show your answer.

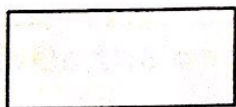
15. Which statement is true? **MCC4.G.2**

- (A) A trapezoid can never have a right angle.
- (B) A parallelogram can never have a right angle.
- (C) A rhombus is a type of trapezoid.
- (D) A square is a type of parallelogram.

16. Which lines appear parallel? **MCC4.G.1**

- (A) 
- (B) 
- (C) 
- (D) 

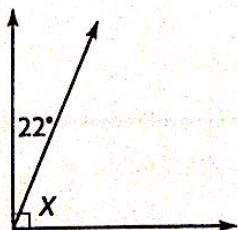
17. Which describes the shape? **MCC4.G.3**



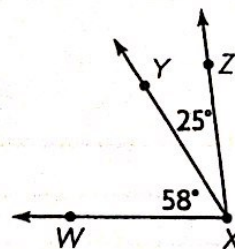
- (A) zero lines of symmetry
- (B) 1 line of symmetry
- (C) 2 lines of symmetry
- (D) 4 lines of symmetry

20. What is the measure of the unknown angle in the figure?

- (A) 22°
- (B) 68°
- (C) 90°
- (D) 158°

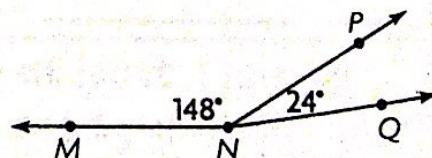


18. What is the measure of $\angle WXZ$?



- (A) 32°
- (B) 83°
- (C) 88°
- (D) 97°

19. Which equation can you use to find the $m\angle MNQ$?



- (A) $148^\circ - 24^\circ = \blacksquare$
- (B) $148^\circ \times 24^\circ = \blacksquare$
- (C) $148^\circ \div 24^\circ = \blacksquare$
- (D) $148^\circ + 24^\circ = \blacksquare$