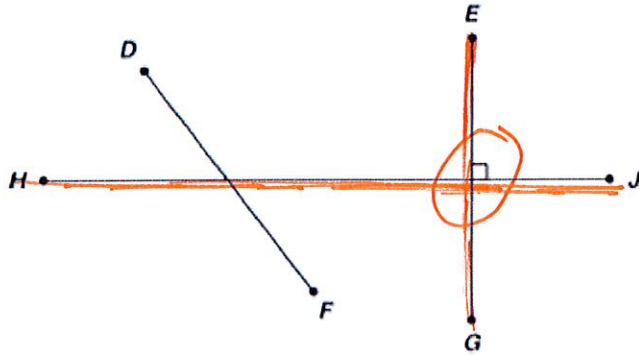


Name Key _____
CFA (Cluster 8)

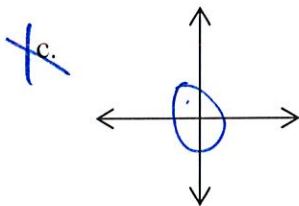
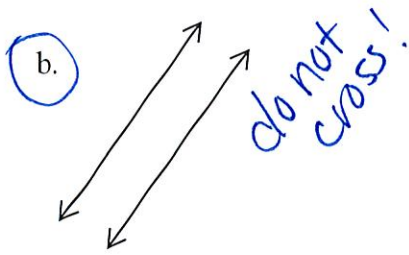
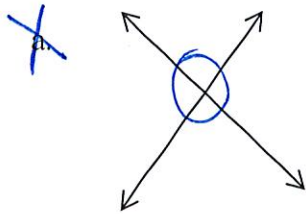
NC.4.G.1, NC.4.G.2, NC.4.G.3

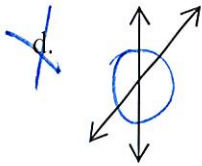
1. Which 2 line segments form right angles in the figure below?



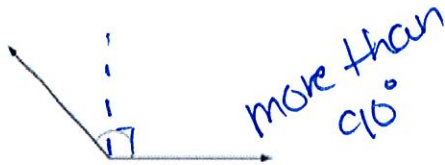
- ~~a.~~ \overline{DF} and \overline{HJ}
- b. \overline{EG} and \overline{HJ}
- ~~c.~~ \overline{DF} and \overline{EG}
- ~~d.~~ \overline{EH} and \overline{DJ} — no \overline{EH}

2. Which pair of lines appears to be parallel to each other?



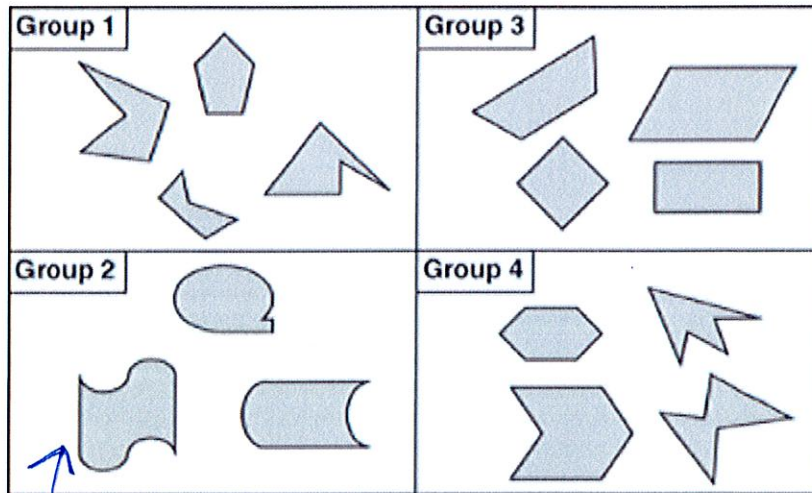


3. What type of angle is shown below?

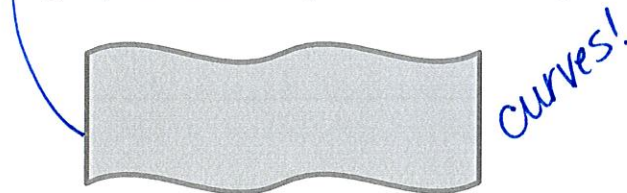


- a. acute
- b. equilateral
- c. obtuse
- d. right

4. Jenny is sorting shapes into 4 groups shown below.

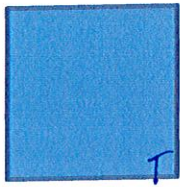


Which group should the shape shown below be placed?



- a. Group 1
- b. Group 2
- c. Group 3
- d. Group 4

5. Which of these shapes have perpendicular sides?



A



B



C



D

a. A and C

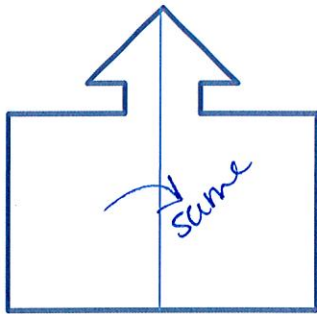
b. B and D

c. A and B

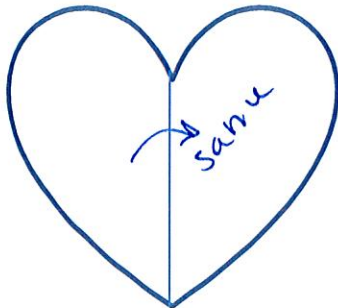
d. C and D

6. Which picture does NOT show a line of symmetry?

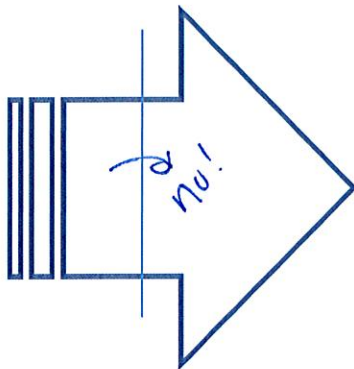
a.



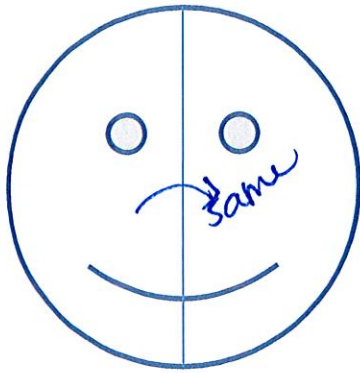
b.



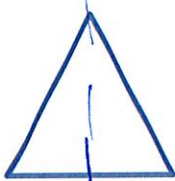
c.



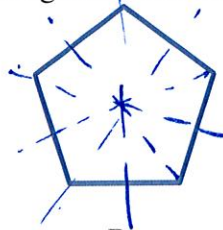
d.



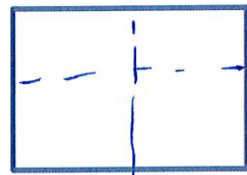
7. Which one of these figures has the MOST lines of symmetry?



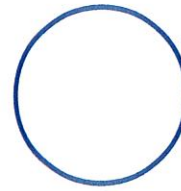
A



B



C



D

← too many to draw!

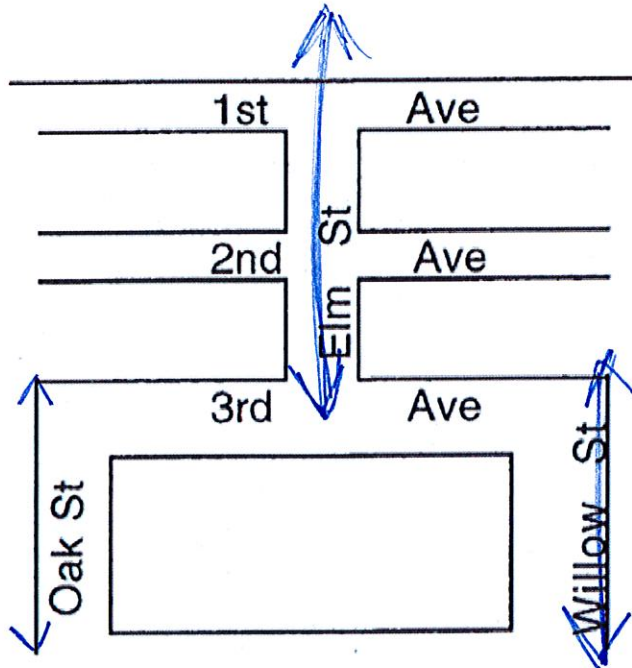
a. A

b. B

c. C

d. D

8. Which street is parallel to Oak Street?



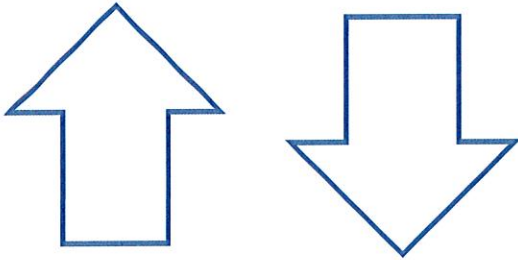
- a. Willow Street
 - b. 3rd Avenue
 - c. Elm Street
 - d. 1st Avenue
- ← This one will be parallel too!*

9. Which of the following shapes has 2 pairs of parallel lines, all its sides are the same length and does not have any right angles?

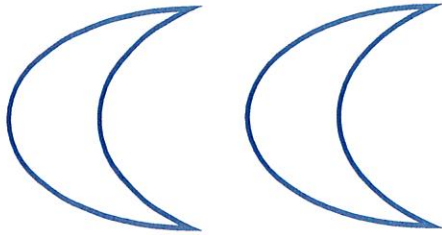
- a. trapezoid
- b. rhombus
- c. rectangle
- d. triangle

10. Hannah had a symmetrical design on her T-Shirt. What could her design have been?

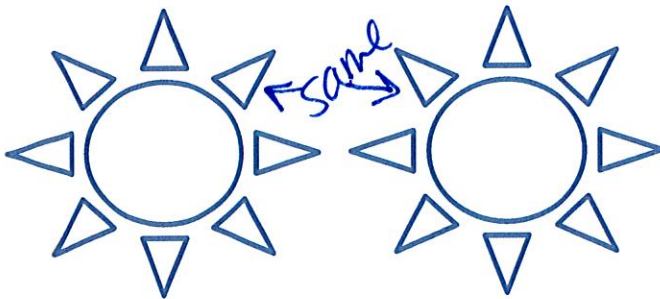
a.



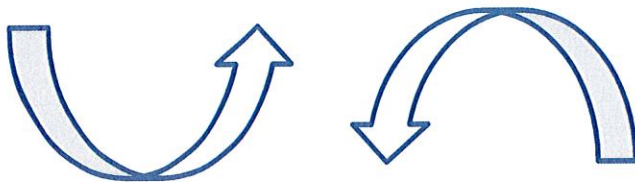
b.



c.



d.



ANSWER KEY NC.4.G.1, 2 AND 3 (CLUSTER 8)

1. B
2. B
3. C
4. B
5. A
6. C
7. D
8. A
9. B
10. C