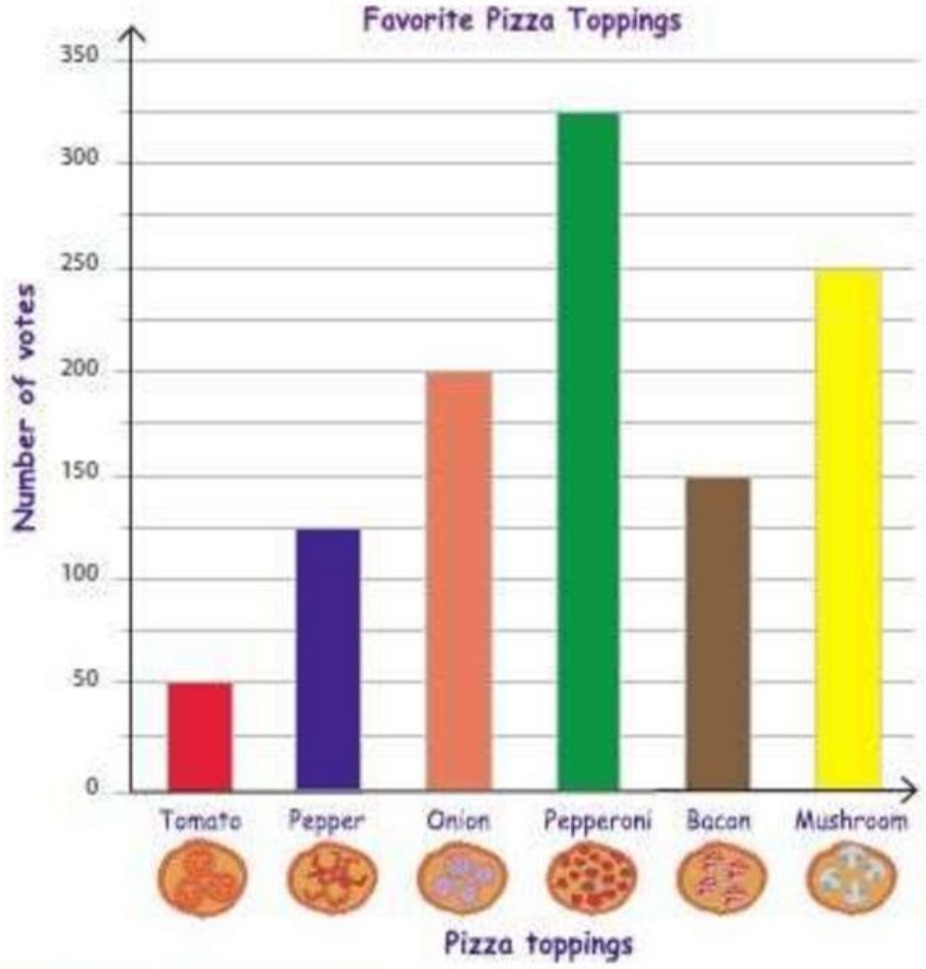
Name: _____

Bar Graph - Pizza Toppings

Good Time Pizza Makers are best in making pizzas with six different toppings. They took a survey about customers' favourite toppings and recorded the results in a bar graph. Use the bar graph to answer the questions.



a.) Which is the most popular topping? _____

b.) How many customers have chosen either tomato or pepper toppings? _____

c.) If 75 more customers prefer bacon, which one will top the chart, bacon or onion? _____

d.) Which topping has 250 votes? _____

e.) List the toppings in order from most popular to least popular

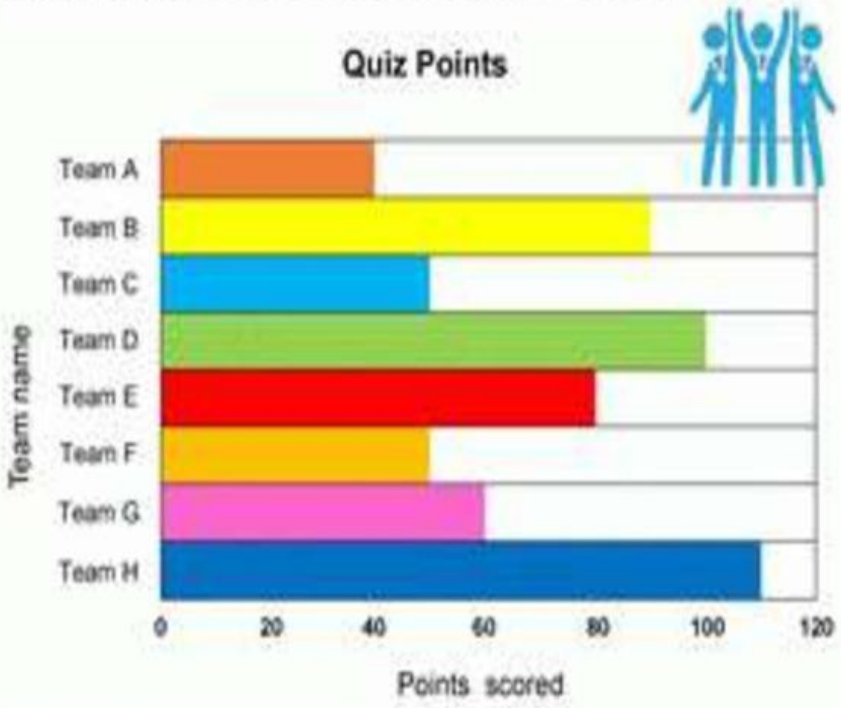
_____

LIVEWORKSHEETS

Quiz bar graph

Data and Graphing Worksheet

Eight teams joined a quiz competition. Their final scores are shown below. Study the graph and answer the questions.



1. Which team won the contest? _____
2. How many points did Team F score? _____
3. How many more points did Team D get than Team G? _____
4. Which teams scored equally? _____
5. What is the difference in the amount of points Team E scored and the amount Team H scored? _____
6. How many teams scored fewer than 100 points? _____
7. What is the average points of the top 3 highest teams? _____
8. List the 5 teams with the most points.

LIVEWORKSHEETS

BAR GRAPHS SHEET 4A - WINGSPANS

Here are the wingspans of some of the biggest birds in the world.

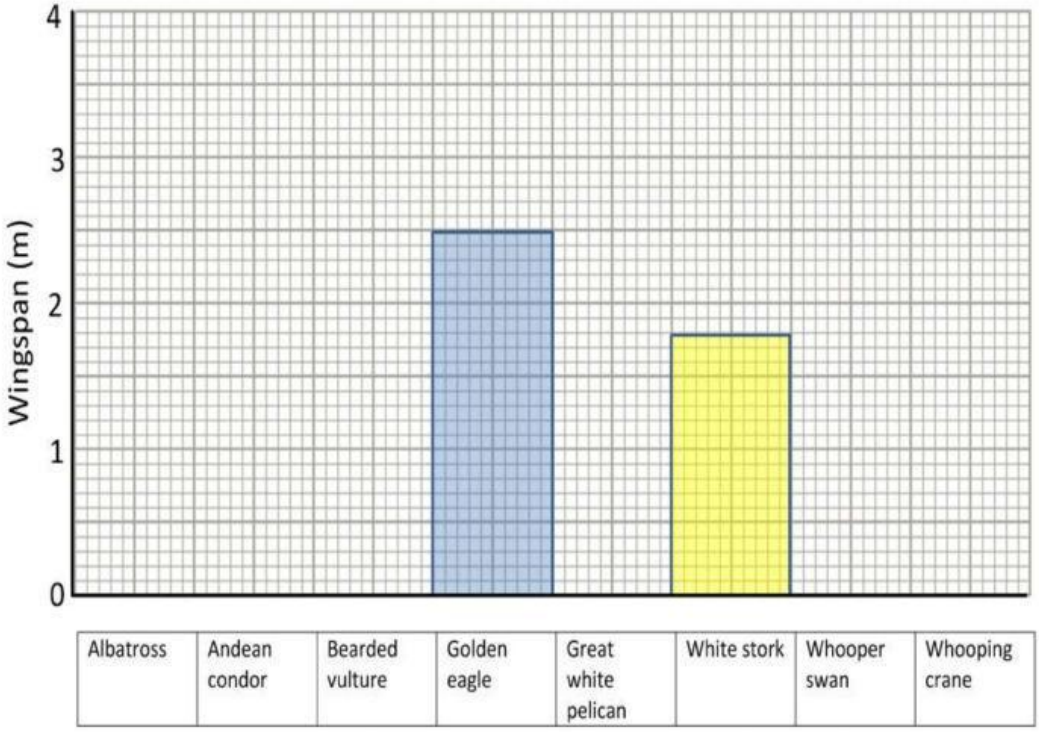
Bird	Wingspan (m)
Albatross	3.7
Andean condor	3.2
Bearded vulture	2.8
Golden eagle	
Great white pelican	3.6
White stork	
Whooper swan	2.8
Whooping crane	2.3

1) Complete the bar graph for the birds.

2) Fill in the table for the wingspan of the golden eagle and the white stork.

3) How much longer is the wingspan of the albatross than the whooper swan?

_____



4) Which bird has a wingspan which is 0.9m more than the whooping crane?

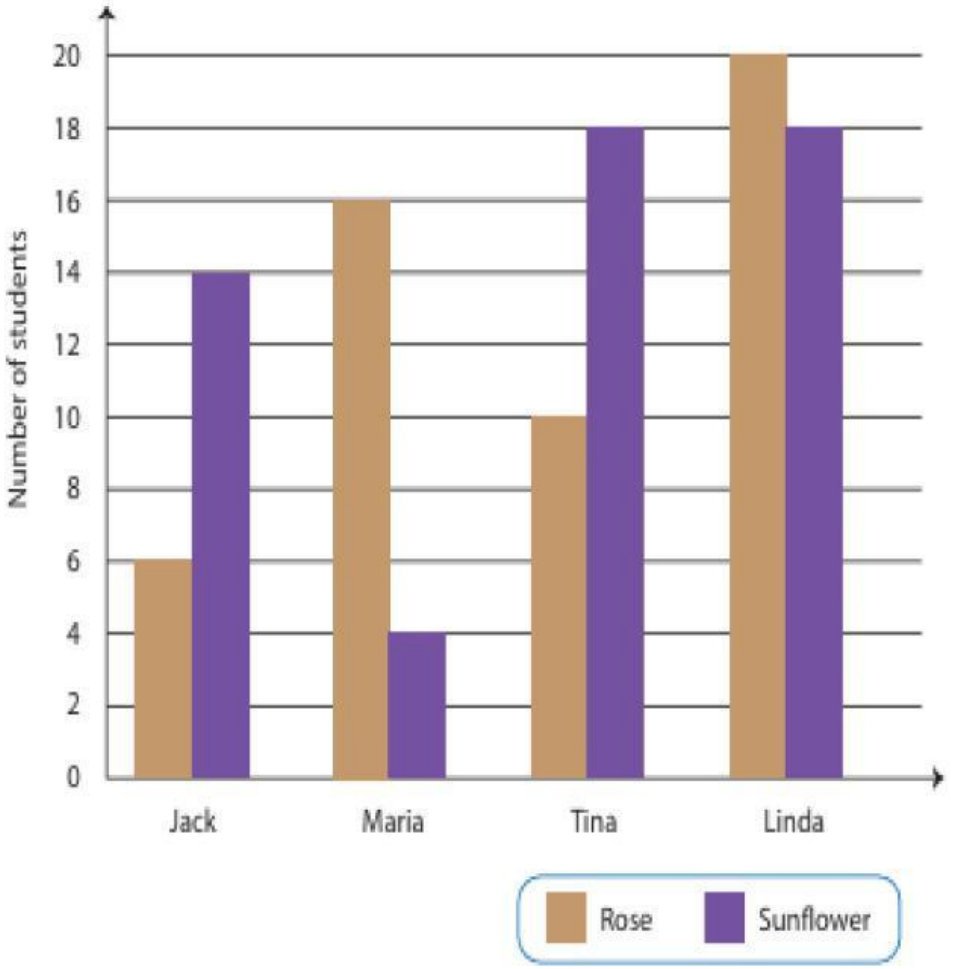
_____

5) What is the difference between the longest and shortest wingspan?

_____

LIVEWORKSHEETS

Four friends Linda, Jack, Maria, and Tina picked two types of flowers and recorded them on the bar graph. Answer the following questions.



1) How many roses did Maria and Linda were picked? _____

2) Who picked the least number of sunflowers? _____

3) Who picked the sunflower equally? _____

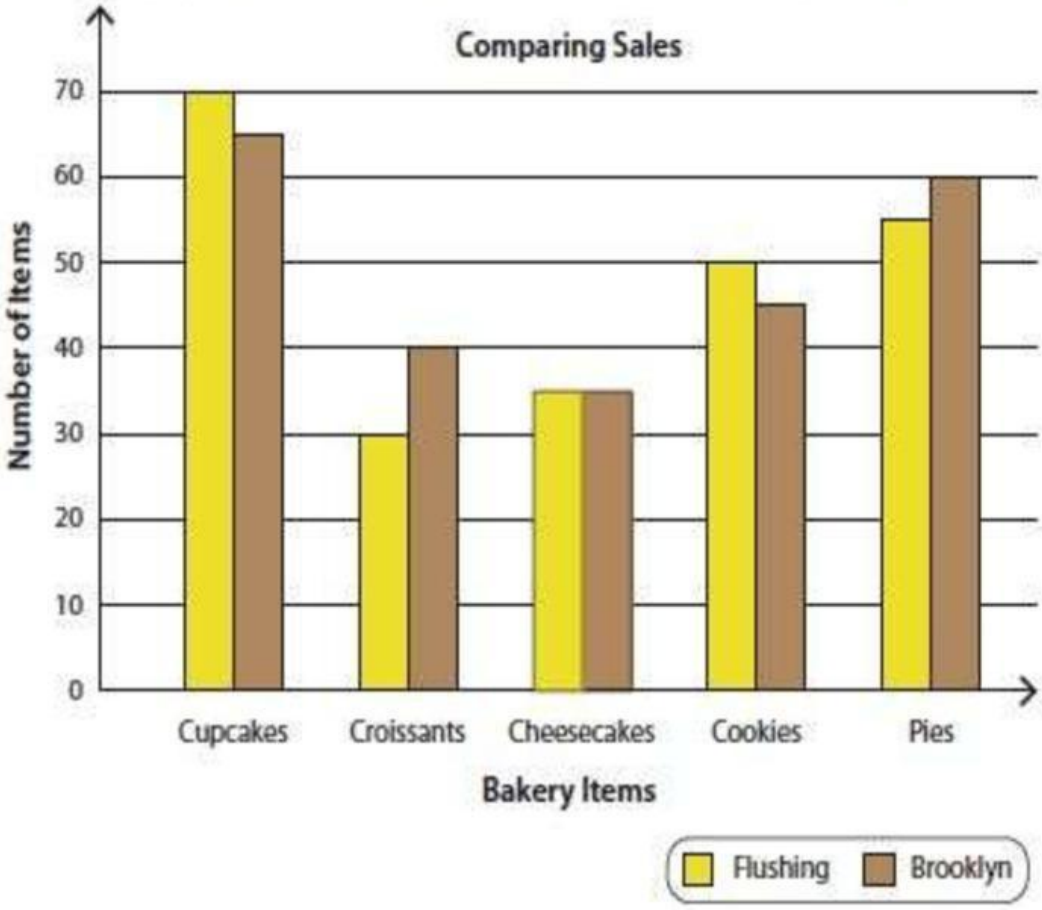
4) What is the difference between total number of flowers of Jack and Tina? _____

5) How many sunflowers were picked by Maria? _____

LIVEWORKSHEETS

Double Bar Graph | Comparing Sales

Mrs. Saunders owns bakery stores in Flushing and Brooklyn. She compares the sales of both the stores and records the information in a bar graph. Use the bar graph and answer the questions.



1) How many pies were sold by the bakery store in Flushing? _____

2) Which item was most popular among the customers? _____

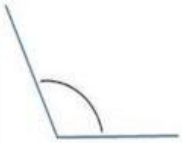
3) How many cheesecakes were sold by both the stores? _____

4) Which store sold the least number of croissants? _____

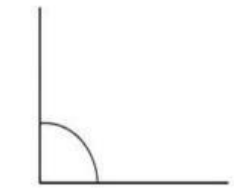
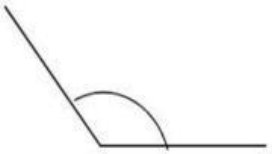
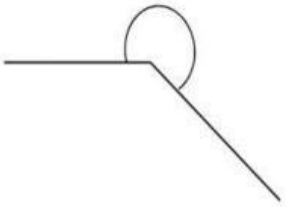
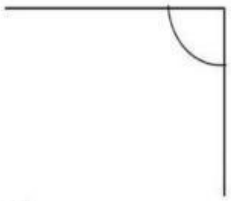
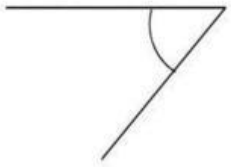
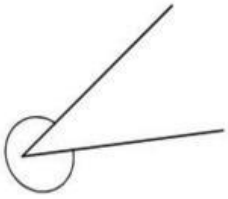
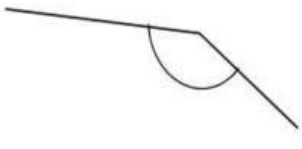
5) How many more cookies were sold than cheesecakes at the store in Brooklyn? _____

LIVEWORKSHEETS

ANGLE CLASSIFICATION 1

				
Acute < 90°	Obtuse > 90°	Right = 90°	Straight = 180°	Reflex >180°

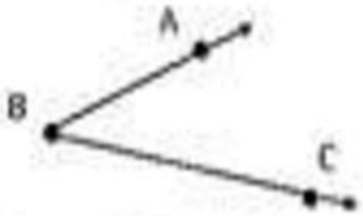
For each angle, write down whether it is **right**, **acute**, **obtuse**, **reflex or straight**.

 Angle:	 Angle:	 Angle:
 Angle:	 Angle:	 Angle:
 Angle:	 Angle:	 Angle:

LIVEWORKSHEETS

Working with Angles

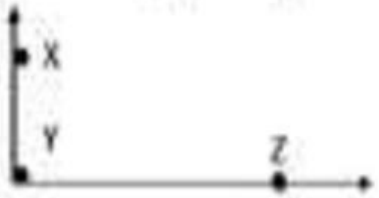
DIRECTIONS: For each problem below, name the angle, its vertex, and decide what type of angle it is. (right, acute, obtuse, straight, reflex)

1. 

Name the angle: ∠_____

Name the vertex: _____

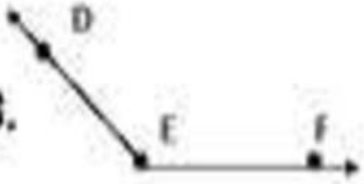
Type of angle: _____

2. 

Name the angle: ∠_____

Name the vertex: _____

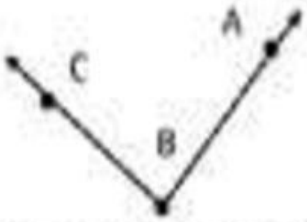
Type of angle: _____

3. 

Name the angle: ∠_____

Name the vertex: _____

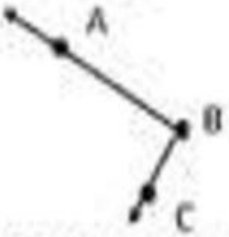
Type of angle: _____

4. 

Name the angle: ∠_____

Name the vertex: _____

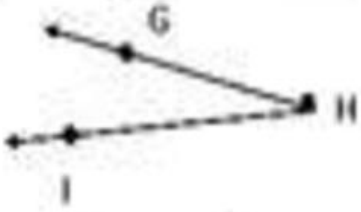
Type of angle: _____

5. 

Name the angle: ∠_____

Name the vertex: _____

Type of angle: _____

6. 

Name the angle: ∠_____

Name the vertex: _____

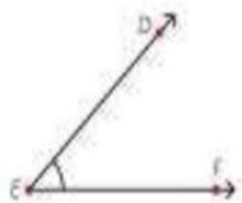
Type of angle: _____

LIVEWORKSHEETS

Angles

Identify each type of angle shown and estimate the angle's measurement.

Choose the correct choice for each.



acute obtuse right

90° 45° 120°

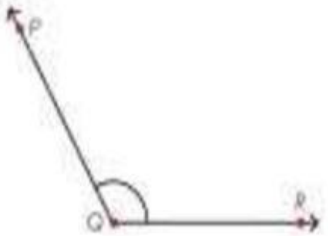
Angle name: ∠_____



acute obtuse right

90° 80° 100°

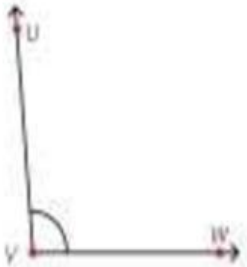
Angle name: ∠_____



acute obtuse right

90° 45° 120°

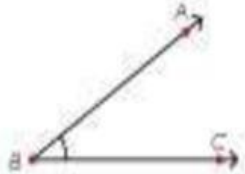
Angle name: ∠



acute obtuse right

90° 45° 120°

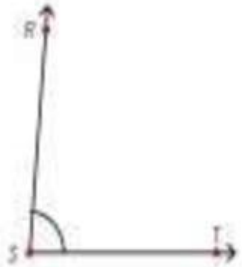
Angle name: ∠_____



acute obtuse right

90° 80° 100°

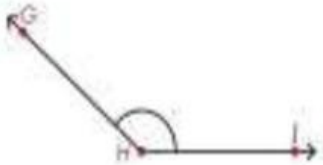
Angle name: ∠_____



acute obtuse right

90° 45° 120°

Angle name: ∠



acute obtuse right

90° 45° 120°

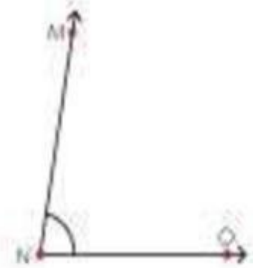
Angle name: ∠_____



acute obtuse right

90° 80° 100°

Angle name: ∠_____



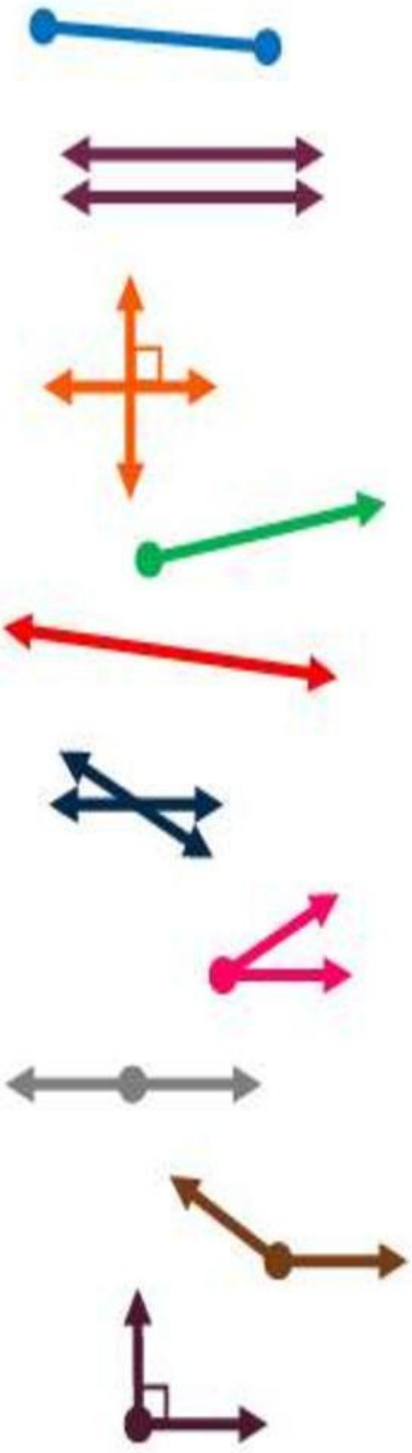
acute obtuse right

90° 45° 120°

Angle name: ∠_____

LIVEWORKSHEETS

Match each term with the picture that represents it by drawing a line to connect the term to the picture.

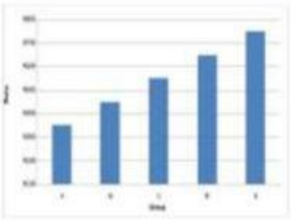
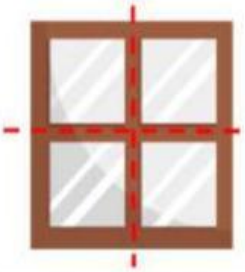


- Line
- Line segment
- Ray
- Parallel lines
- Perpendicular lines
- Intersecting lines (not parallel or perpendicular)
- Right angle
- Acute angle
- Obtuse angle
- Straight angle

LIVEWORKSHEETS

Parallel and perpendicular lines

Determine if the lines, segments, or rays are parallel, perpendicular or neither. Circle your answer.

 parallel perpendicular neither	 parallel perpendicular neither
 parallel perpendicular neither	 parallel perpendicular neither
 parallel perpendicular neither	 parallel perpendicular neither
 parallel perpendicular neither	 parallel perpendicular neither

LIVEWORKSHEETS