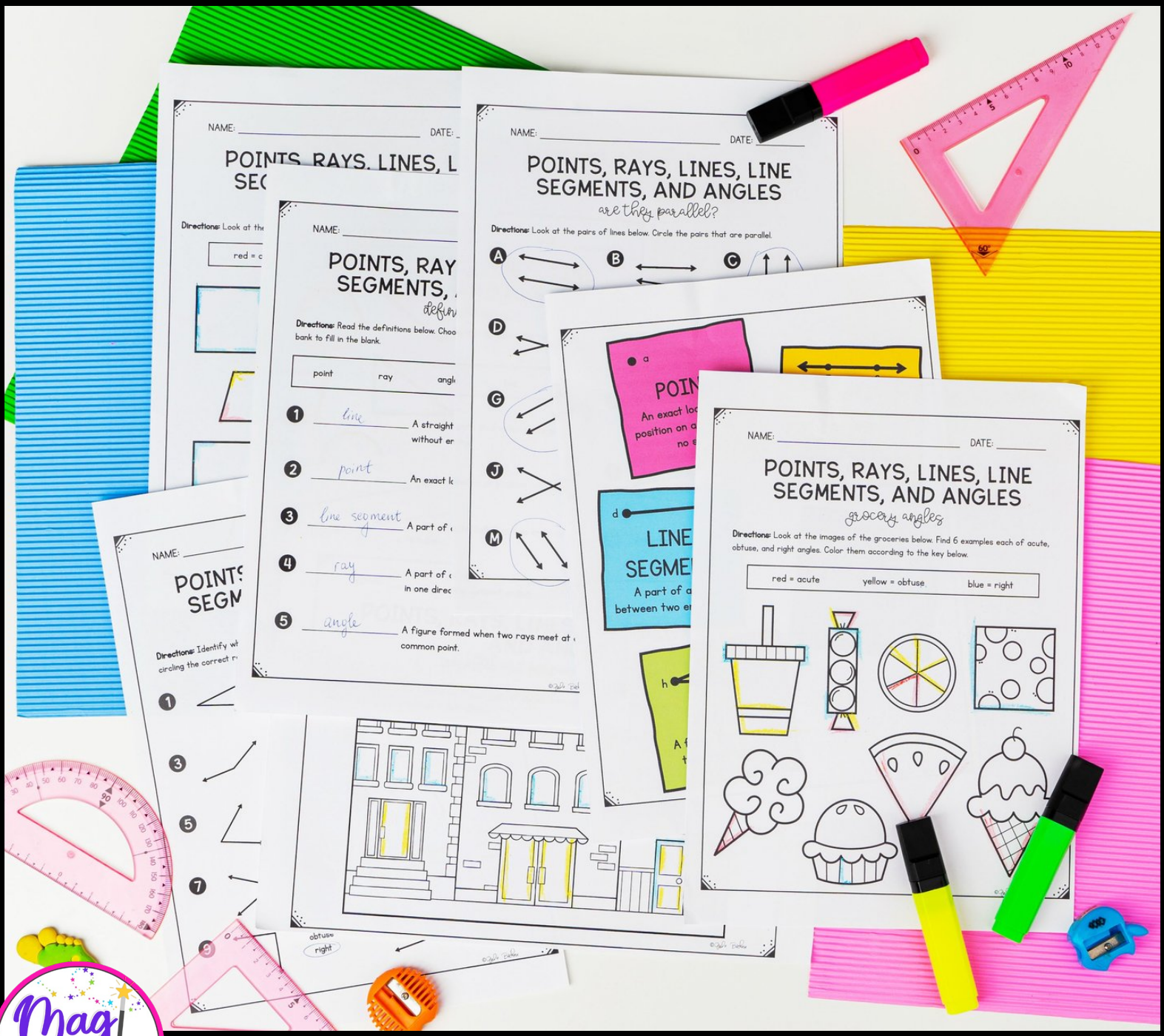
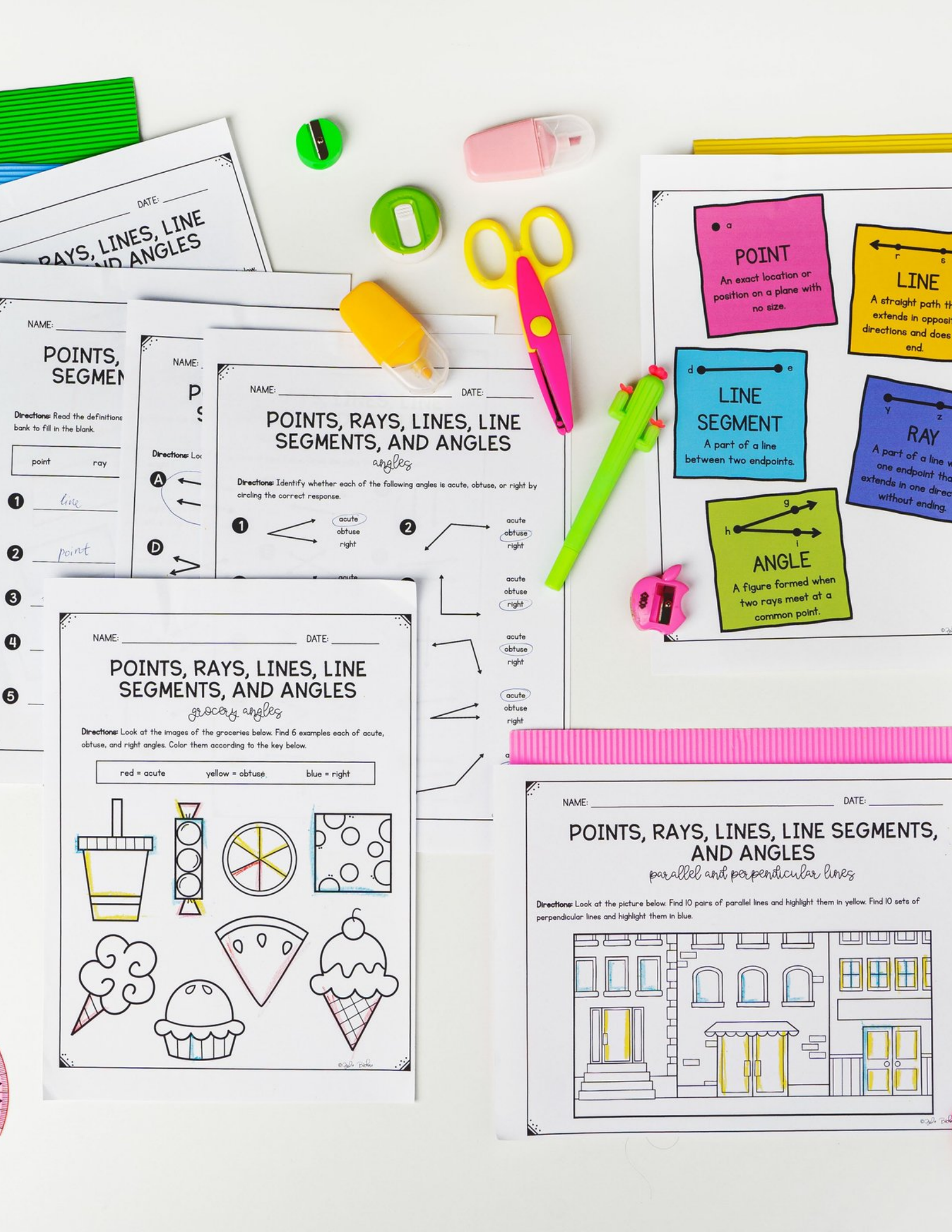
# POINTS, RAYS, LINES, LINE SEGMENTS AND ANGLES

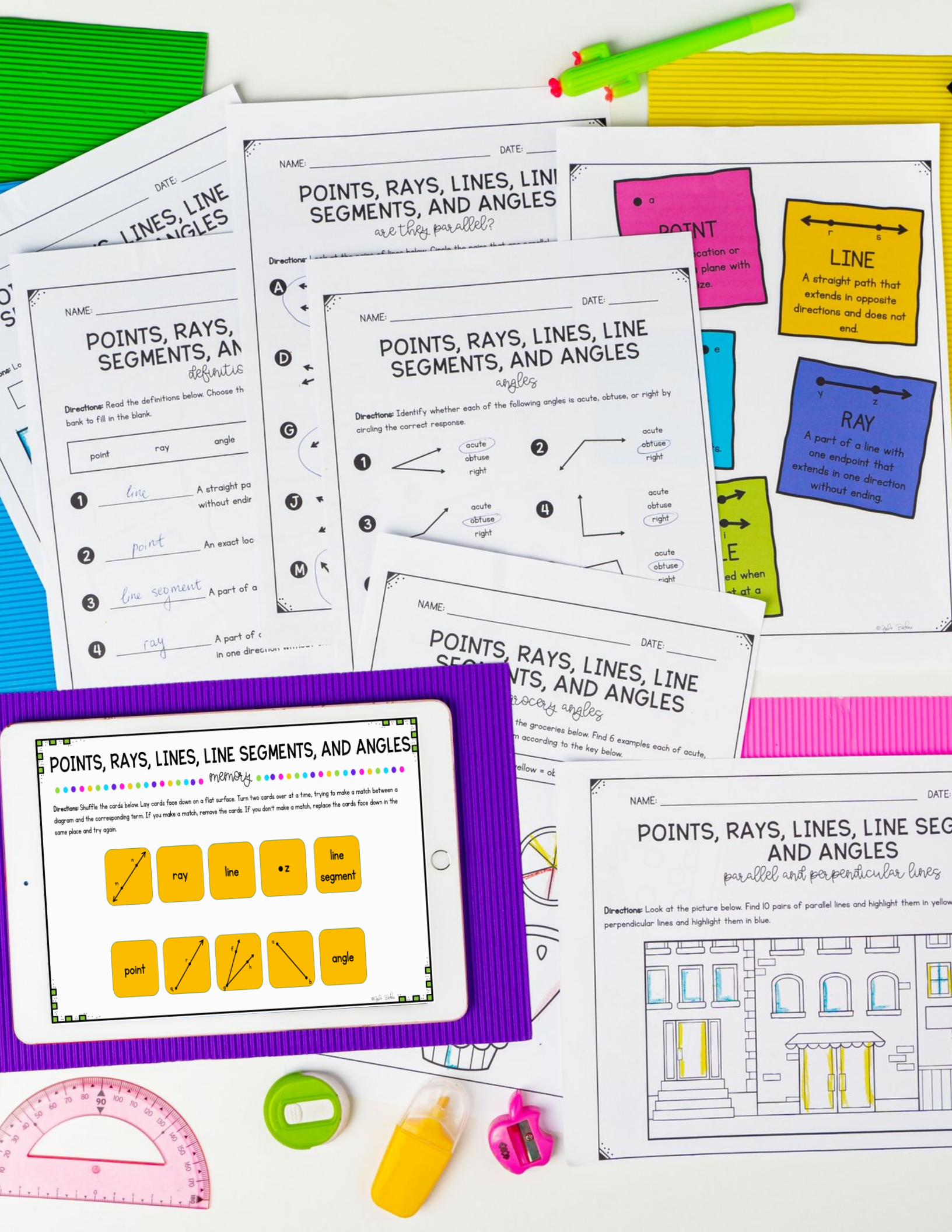
## 4th Grade

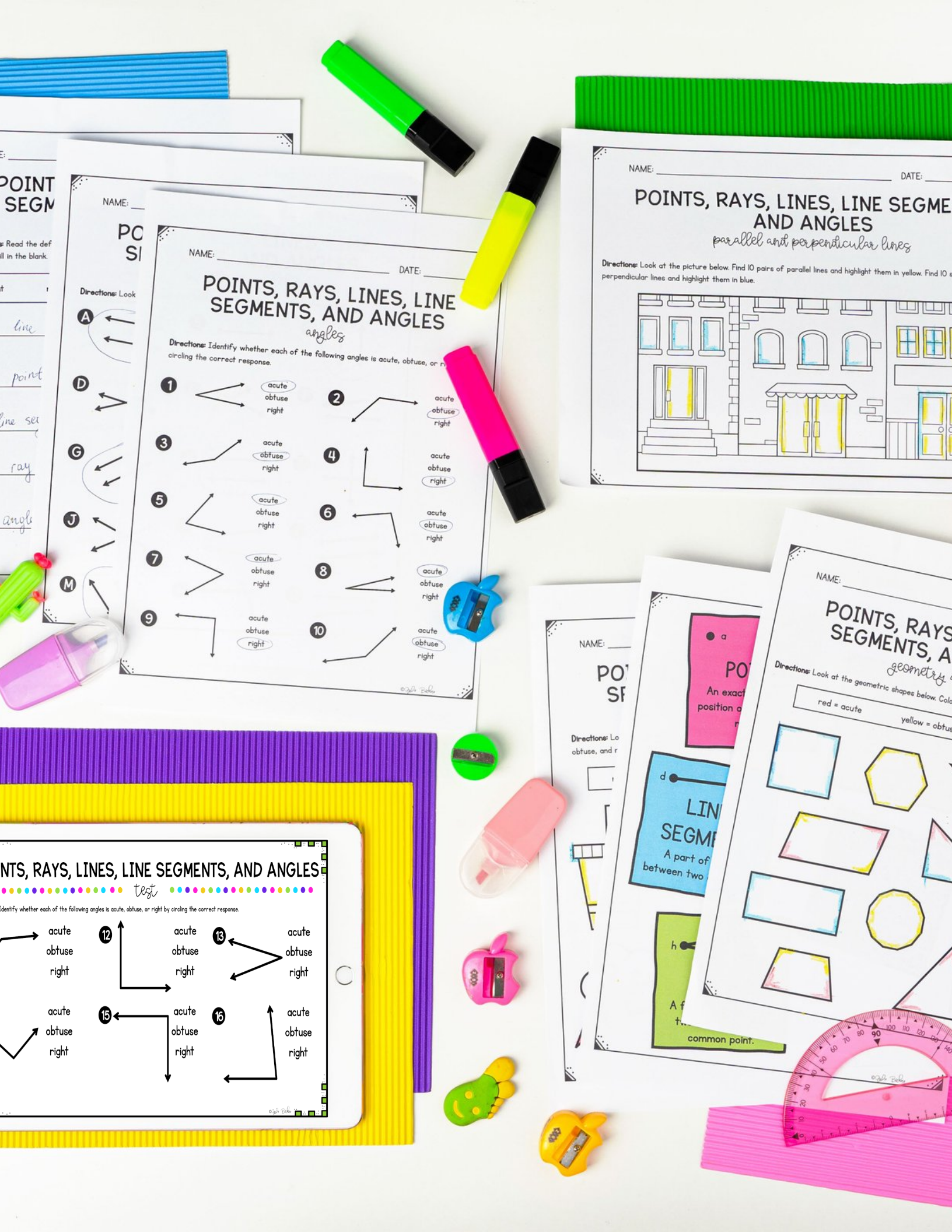



## Printable & Google Slides


NAME: DATE:
POINT
SEGI
Directions: Read the
bank to fill in the blc
point
1
2
3
4
5
POINTS, RAYS, LINES, LINE SEGMENTS,
NAME:
DATE:
NAME:
POIN
SEG
Directions: Look at the
A
D
G
J
M
NAME:
POINTS
SEGM
Directions: Look at the ir
obtuse, and right angles.
red = acute
a
POINT
An exact location or position on a plane with no size.
r
s
LINE
A straight path that extends in opposite directions and does not end.
d
e
LINE SEGMENT
A part of a line between two endpoints.
y
z
RAY
A part of a line with one endpoint that extends in one direction without ending.
g
h
i
ANGLE
A figure formed when two rays meet at a common point.


POINT
An exact location or position on a plane with no size.
LINE
A straight path th extends in opposit directions and does end.
LINE SEGMENT
A part of a line between two endpoints.
RAY
A part of a line w one endpoint tha extends in one direc without ending.
ANGLE
A figure formed when two rays meet at a common point.
POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
angles
Directions: Identify whether each of the following angles is acute, obtuse, or right by circling the correct response.
POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
grocery angles
Directions: Look at the images of the groceries below. Find 6 examples each of acute, obtuse, and right angles. Color them according to the key below.
red = acute
yellow = obtuse
blue = right
POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
parallel and perpendicular lines
Directions: Look at the picture below. Find 10 pairs of parallel lines and highlight them in yellow. Find 10 sets of perpendicular lines and highlight them in blue.


POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
memory
Directions: Shuffle the cards below. Lay cards face down on a flat surface. Turn two cards over at a time, trying to make a match between a diagram and the corresponding term. If you make a match, remove the cards. If you don't make a match, replace the cards face down in the same place and try again.
ray
line
z
line segment
point
angle
POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
are they parallel?
POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
angles
Directions: Identify whether each of the following angles is acute, obtuse, or right by circling the correct response.
acute
obtuse
right
POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
grocery angles
POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
parallel and perpendicular lines
Directions: Look at the picture below. Find 10 pairs of parallel lines and highlight them in yellow. Find 10 pairs of perpendicular lines and highlight them in blue.
POINTS, RAYS, SEGMENTS, AN
definitio
Directions: Read the definitions below. Choose th
bank to fill in the blank.
point
ray
angle
line
point
line segment
ray
LINE
A straight path that extends in opposite directions and does not end.
RAY
A part of a line with one endpoint that extends in one direction without ending.


NAME:
DATE:
POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
angles
Directions: Identify whether each of the following angles is acute, obtuse, or right by circling the correct response.
acute
obtuse
right
POINTS, RAYS, LINES, LINE SEGME
AND ANGLES
parallel and perpendicular lines
Directions: Look at the picture below. Find 10 pairs of parallel lines and highlight them in yellow. Find 10
perpendicular lines and highlight them in blue.
POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
test
Identify whether each of the following angles is acute, obtuse, or right by circling the correct response.
POINTS, RAYS, LINES, LINE SEGMENTS, A
geometry
Directions: Look at the geometric shapes below. Color
red = acute
yellow = obtuse
common point.


POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
geometric shapes
Directions: Look at the geometric shapes below. Determine whether the shape contains any perpendicular or parallel lines. Check any applicable boxes.
5
Parallel lines
Perpendicular lines
Neither
6
Parallel lines
Perpendicular lines
Neither
7
Parallel lines
Perpendicular lines
Neither
8
Parallel lines
Perpendicular lines
Neither
POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES
geometry angles
Directions: Look at the geometric shapes below. Color each angle according to the table below.
red = acute
yellow = obtuse
blue = right
POINTS, RAYS, LINES SEGMENTS, AND A
grocery angles
Directions: Look at the images of the groceries below. F
obtuse, and right angles. Color them according to the '
red = acute
yellow = obtu
POINT
An exact location or position on a plane w no size.
LINE SEGMENT
A part of a line between two endpoints.
ANG
A figure for two rays comm

# POINTS, RAYS, LINES, LINE SEGMENTS AND ANGLES

4th grade

## Table of Contents


1. Anchor Charts (3 pages)
2. Vocabulary and Definitions Practice (5 pages)
3. Acute & Obtuse Angles (6 pages)
4. Parallel & Perpendicular Lines (5 pages)
5. Test Review (4 pages)
6. Test (4 pages)




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# POINT

An exact location or position on a plane with no size.




# LINE

A straight path that extends in opposite directions and does not end.



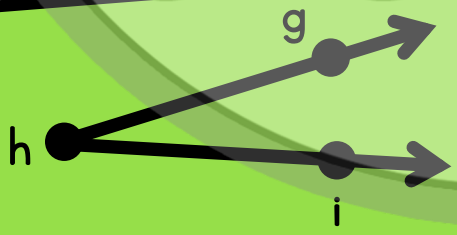

# LINE SEGMENT

A part of a line between two endpoints.




# RAY

A part of a line with one endpoint that extends in one direction without ending.




# ANGLE

A figure formed when two rays meet at a common point.

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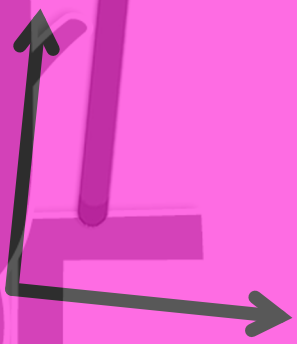
# ANGLES

## ACUTE



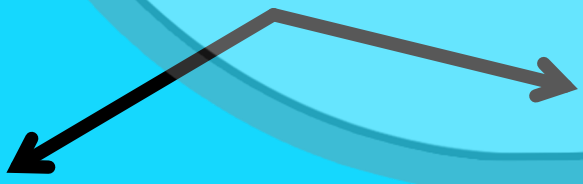
Acute angles measure less than 90°

## RIGHT



Right angles measure 90°

## OBTUSE



Obtuse angles measure more than 90°

©Julie Bochorse

# TYPES OF LINES

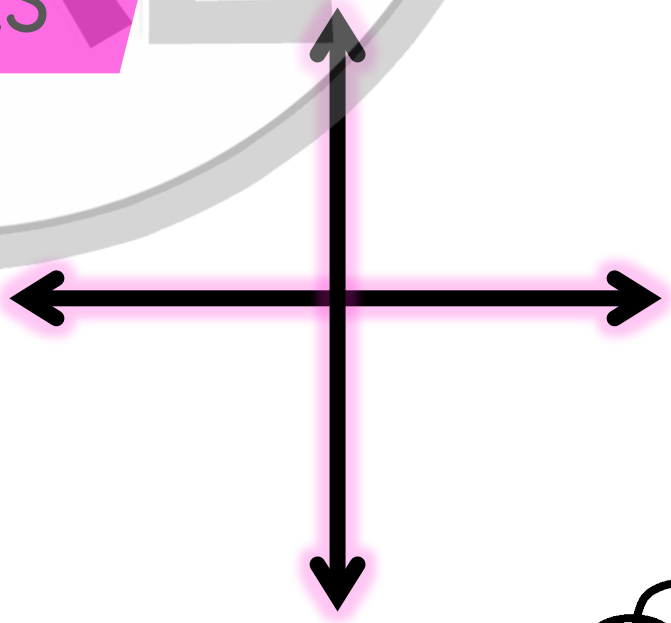
## PARALLEL LINES



When two lines or line segments are always the same distance apart. Parallel lines never cross.

## PERPENDICULAR LINES

When two lines or line segments cross to form right angles.



©Julie Bochorse

NAME: _____ DATE: _____

# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

## definitions

**Directions:** Read the definitions below. Choose the corresponding term from the word bank to fill in the blank.

| point | ray | angle | line | line segment |
|---|---|---|---|---|

1. _____ A straight path that extends in opposite directions without ending.

2. _____ An exact location or position with no size.

3. _____ A part of a line between two endpoints.

4. _____ A part of a line with one end point that extends in one direction without ending.

5. _____ A figure formed when two rays meet at a common point.

©Julie Bacharse

NAME: _____ DATE: _____

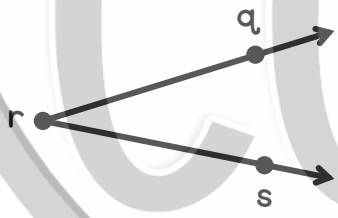
# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

## matching

**Directions:** Draw a line to match each diagram to the corresponding term.

1. 


2. 


3. 


4. 


5. • m

A. Ray

B. Line

C. Point

D. Angle

E. Line segment

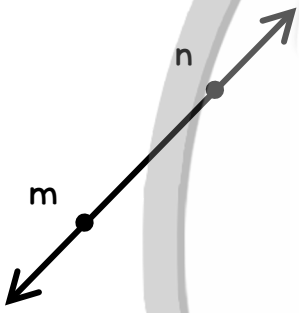
©Julie Bochorse

NAME: _____ DATE: _____

# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

## memory

**Directions:** Cut out and shuffle the cards below. Lay cards face down on a flat surface. Turn two cards over at a time, trying to make a match between a diagram and the corresponding term. If you make a match, remove the cards. If you don't make a match, replace the cards face down in the same place and try again.



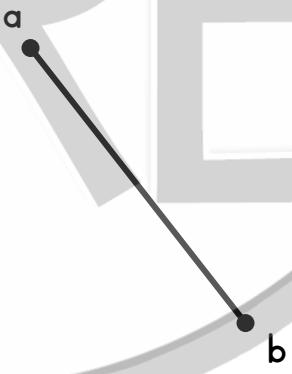

ray

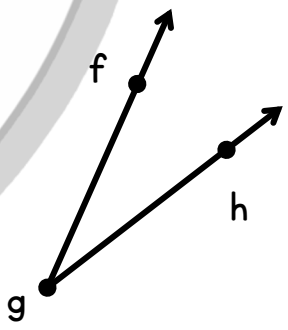
line

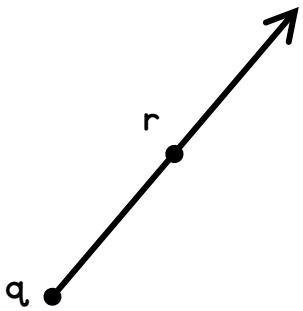



line segment

angle




point

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NAME: _____ DATE: _____

# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

drawing

**Directions:** Draw an example of each term give below.

1. Ray

2. Line

3. Angle

4. Point

5. Line segment

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NAME: _____ DATE: _____

# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

## naming figures

**Directions:** Look at the figures below. Use the labeled points to name each figure.

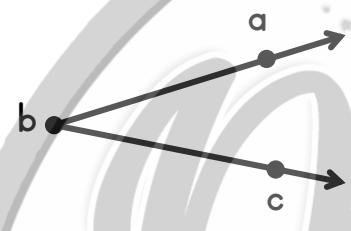
1. 

FIGURE NAME

2. 

FIGURE NAME

3. 

FIGURE NAME

4. 

FIGURE NAME

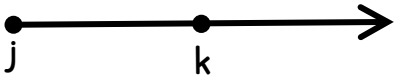
5. 

FIGURE NAME

©Julie Bacharse

NAME: _____ DATE: _____

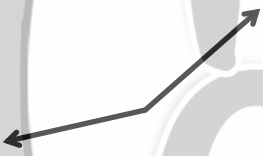
# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

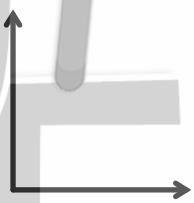
angles

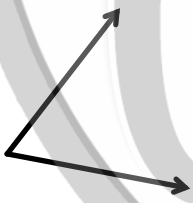
**Directions:** Identify whether each of the following angles is acute, obtuse, or right by circling the correct response.

1. 
   acute obtuse right

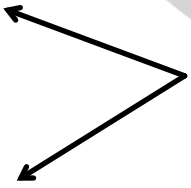
2. 
   acute obtuse right

3. 
   acute obtuse right

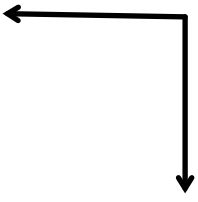
4. 
   acute obtuse right

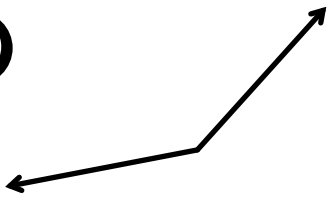
5. 
   acute obtuse right

6. 
   acute obtuse right

7. 
   acute obtuse right

8. 
   acute obtuse right

9. 
   acute obtuse right

10. 
    acute obtuse right

©Julie Bochorse

NAME: _____ DATE: _____

# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

## drawing angles

**Directions:** For each type of angle below, draw a different example of the given angle type in each box.

### ACUTE ANGLES

### OBTUSE ANGLES

### RIGHT ANGLE

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NAME: _____ DATE: _____

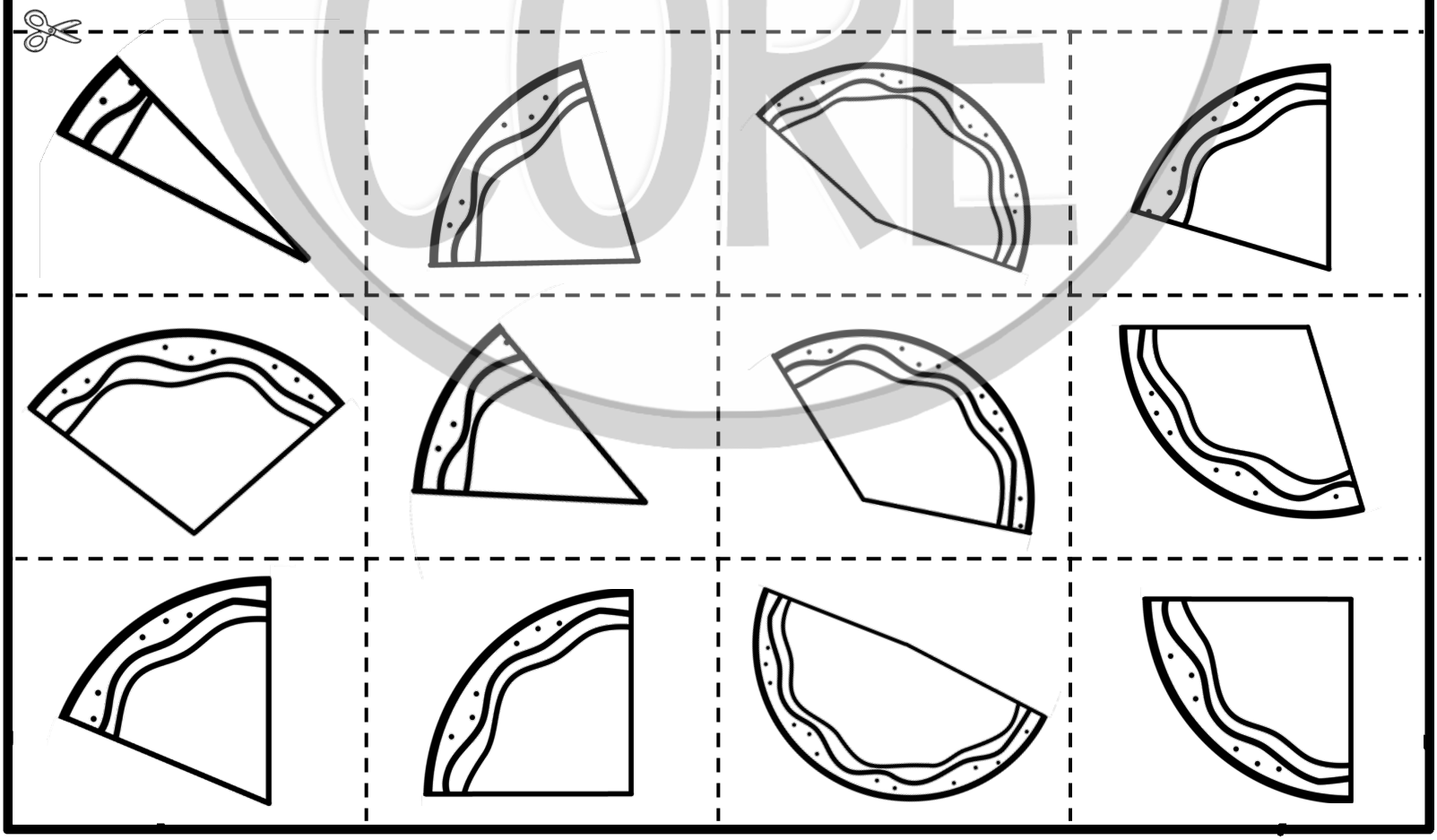
©Julie Backes

# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

## pizza sorting

**Directions:** Cut out the slices of pizza at the bottom of the page. Sort them into the correct pizza boxes according to the type of angle the pizza slice has.



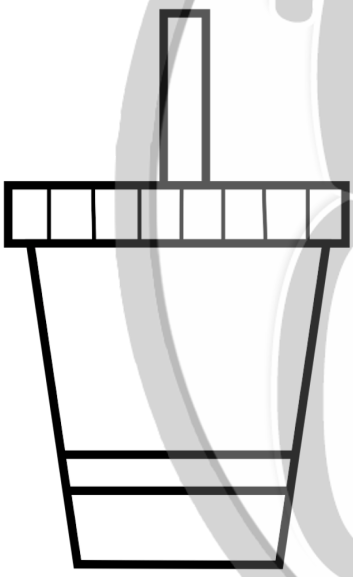
NAME: _____ DATE: _____

# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

## grocery angles

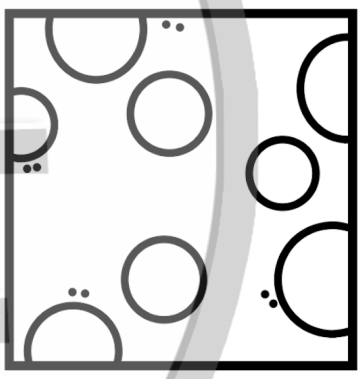
**Directions:** Look at the images of the groceries below. Find 6 examples each of acute, obtuse, and right angles. Color them according to the key below.

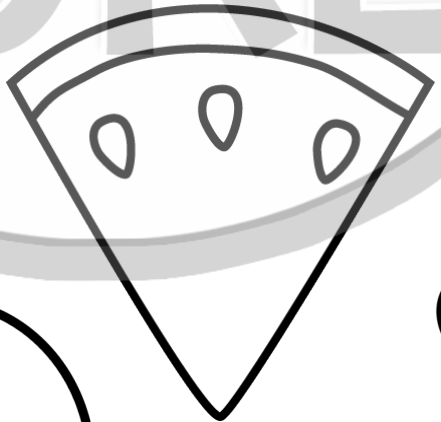
| red = acute | yellow = obtuse | blue = right |
|---|---|---|



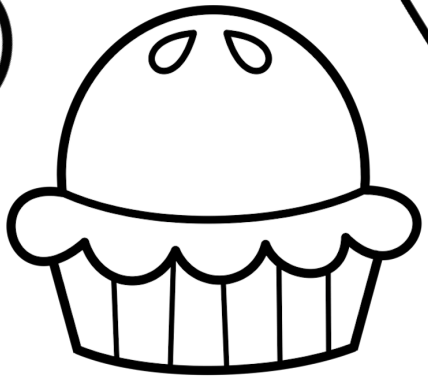














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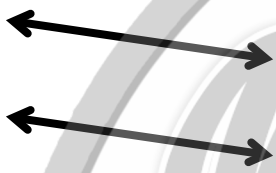
NAME: _____ DATE: _____

# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

## are they parallel?

**Directions:** Look at the pairs of lines below. Circle the pairs that are parallel.

A



B



C



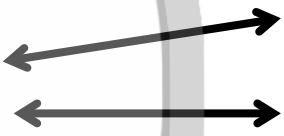
D



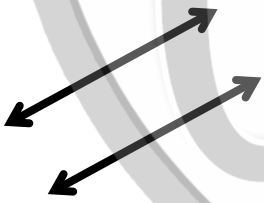
E



F



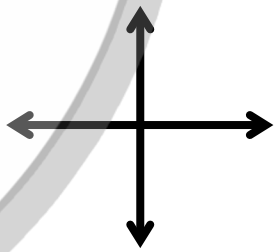
G



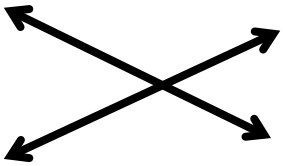
H



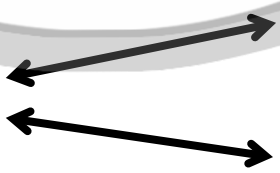
I



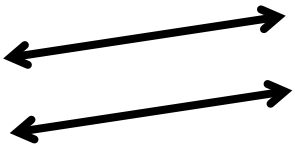
J



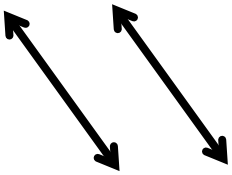
K



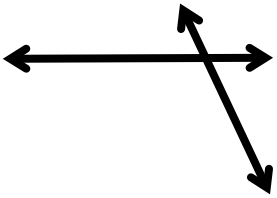
L



M



N



O



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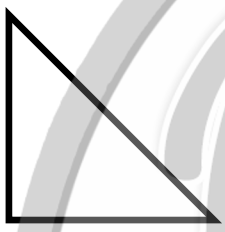
NAME: _____ DATE: _____

# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

## geometric shapes

**Directions:** Look at the geometric shapes below. Determine whether the shape contains any perpendicular or parallel lines. Check any applicable boxes.

**1**



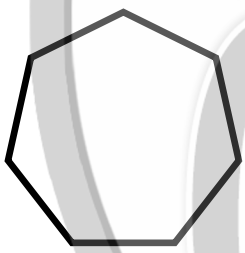
- ☐ Parallel lines
- ☐ Perpendicular lines
- ☐ Neither

**2**



- ☐ Parallel lines
- ☐ Perpendicular lines
- ☐ Neither

**3**



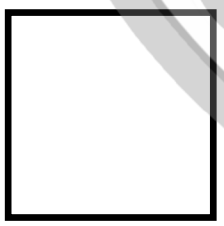
- ☐ Parallel lines
- ☐ Perpendicular lines
- ☐ Neither

**4**



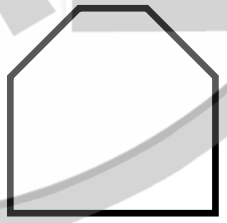
- ☐ Parallel lines
- ☐ Perpendicular lines
- ☐ Neither

**5**



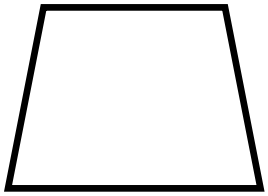
- ☐ Parallel lines
- ☐ Perpendicular lines
- ☐ Neither

**6**



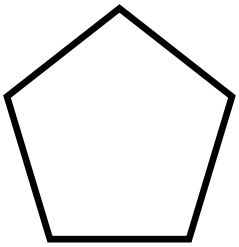
- ☐ Parallel lines
- ☐ Perpendicular lines
- ☐ Neither

**7**



- ☐ Parallel lines
- ☐ Perpendicular lines
- ☐ Neither

**8**



- ☐ Parallel lines
- ☐ Perpendicular lines
- ☐ Neither

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NAME: _____ DATE: _____

# POINTS, RAYS, LINES, LINE SEGMENTS, AND ANGLES

## test review

**Directions:** Read the definitions below. Choose the corresponding term from the word bank to fill in the blank.

| ray | line | point | angle | line segment |
|---|---|---|---|---|

1. _____ A part of a line with one end point that extends in one direction forever.

2. _____ A figure formed when two rays meet at a common point.

3. _____ A straight path that extends in both directions with no endpoints.

4. _____ An exact location or position with no size.

5. _____ A part of a line that has two endpoints and a determined length.

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