

Name \_\_\_\_\_

Date \_\_\_\_\_

Use the table below to answer questions 1 - 3.

BIG SALE!	
ITEM	PRICE
Boots	\$45
T-Shirts	\$14
Shoes	\$61
Pants	\$32
Jackets	\$88

(4B)

1 Which item cost **more** than \$35 and **less** than \$59?

- Pants  
 Boots  
 T-Shirts  
 Jackets

(4B)

2. Ally has \$65. What is the only item she cannot buy?

- Shoes                       Pants  
 Jackets                       Boots

(4B)

3 Which item costs **less** than \$30?

- Blouse  
 Shoes  
 Boots  
 T-Shirt

(4B)

4 Mr. Smith is a truck driver. Last week he drove **more** than 260 miles and **less** than 320 miles. How many miles could Mr. Smith have driven?

- 230  
 250  
 310 \*\*\*  
 350

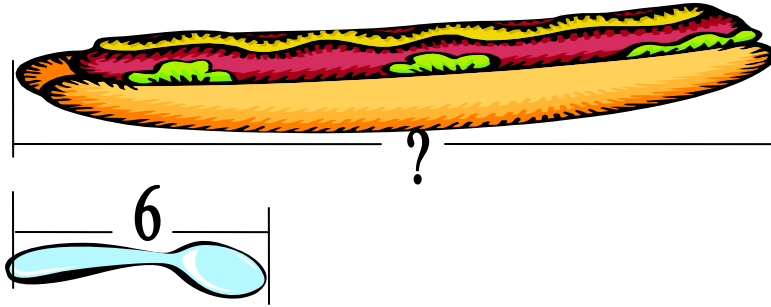
(15A)



5. **About** how many chairs would be the same height as the tree?

- 3  
 4  
 5  
 6

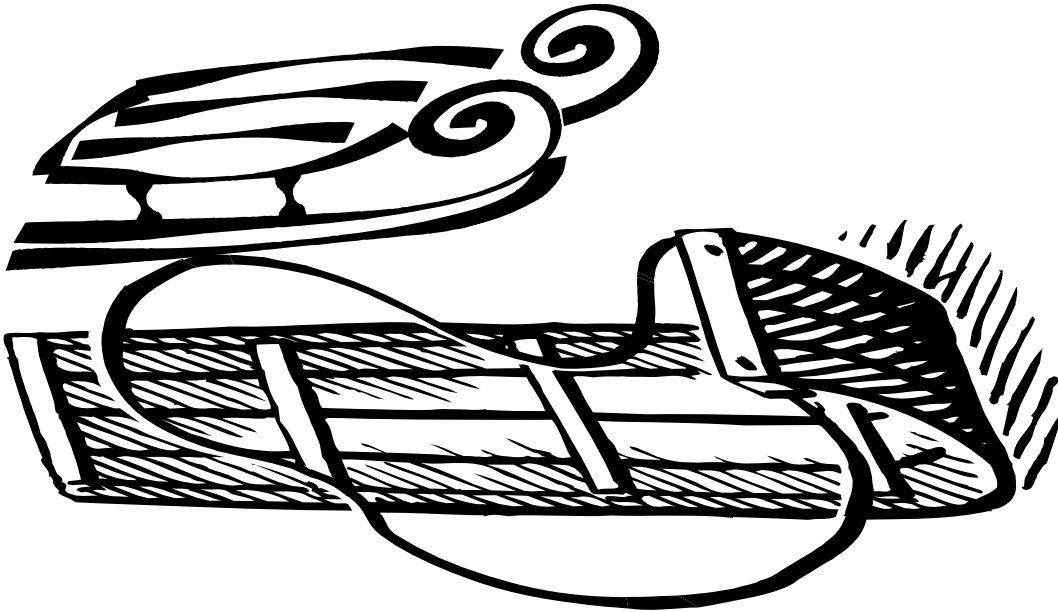
(15A)



6. Kris measured the spoon and found out it was 6 inches long. **About** how long is the hot dog?

- 10"
- 14"
- 18"
- 22"

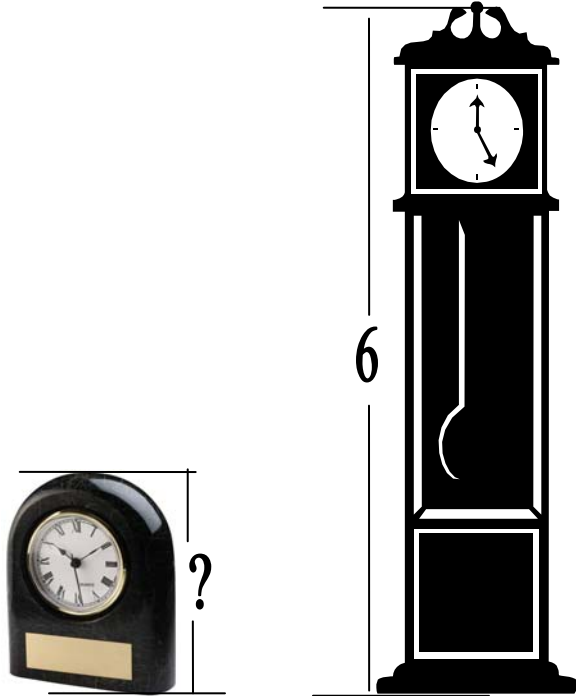
(15A)



7. Tammy measured the small sled and found it was 4 units long. **About** how many units long is the large sled?

- 6
- 8
- 10
- 12

(15A)



8. The large grandfather clock is 6 feet tall. **About** how tall is the smaller clock?

- 2
- 4
- 6
- 8

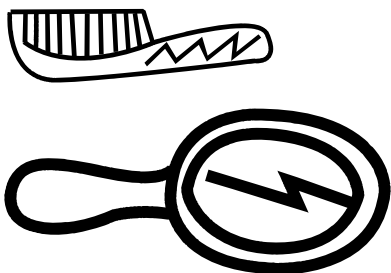
(15A)



10. If the tree is 24 feet tall, **about** how tall is the man?

- 2'
- 4'
- 6'
- 8"

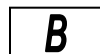
(15A)



9. The comb is 10 centimeters long. **About** how many cm long is the mirror?

- 15
- 20
- 25
- 30

(15A)

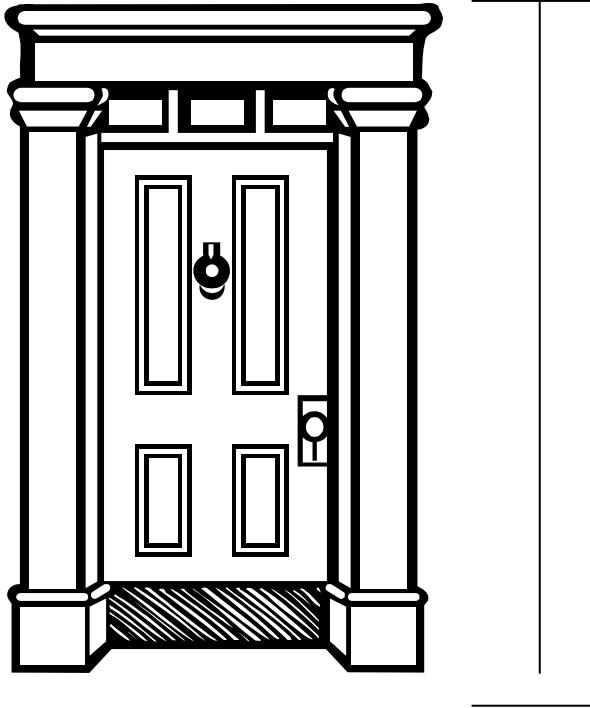


11. If shape A is 16 units long, **about** how long is shape B?

- 1 unit
- 2 units
- 3 units
- 4 units

(16A)

12. Use your ruler to determine the height of the door to the nearest half-inch.



Write your answer here. \_\_\_\_\_

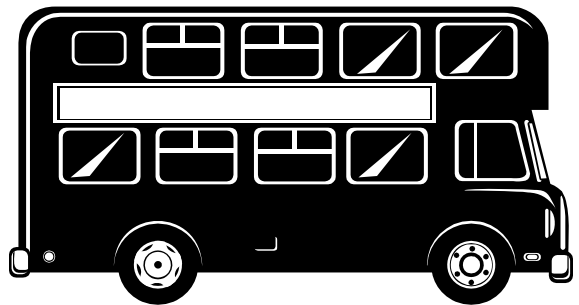
(16a)



13 Use your ruler to determine the length of the cat to the nearest centimeter.

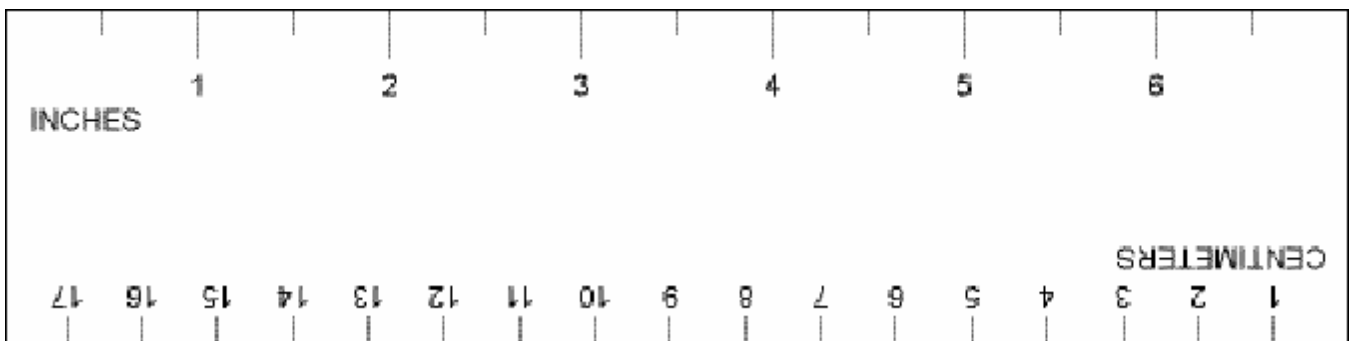
Write your answer here. \_\_\_\_\_

(16a)

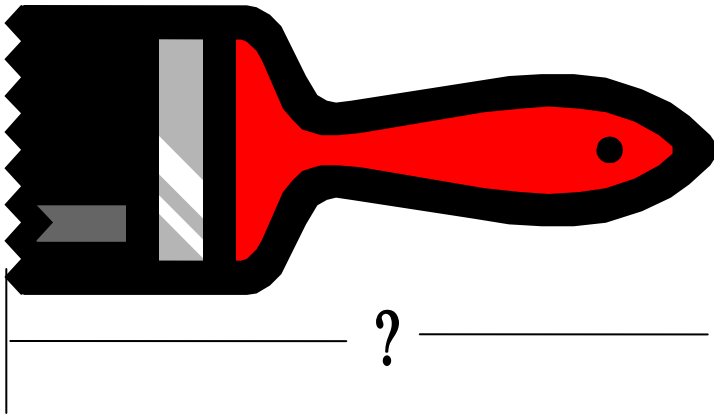


14. Use your ruler to determine the length of the bus to the nearest inch.

Write your answer here: \_\_\_\_\_



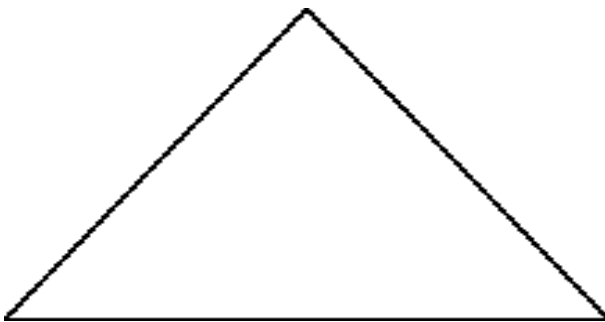
(16A)



15. Use your ruler to measure the length of the paint brush to the nearest half-inch.

- 3
- 4
- 5
- 6

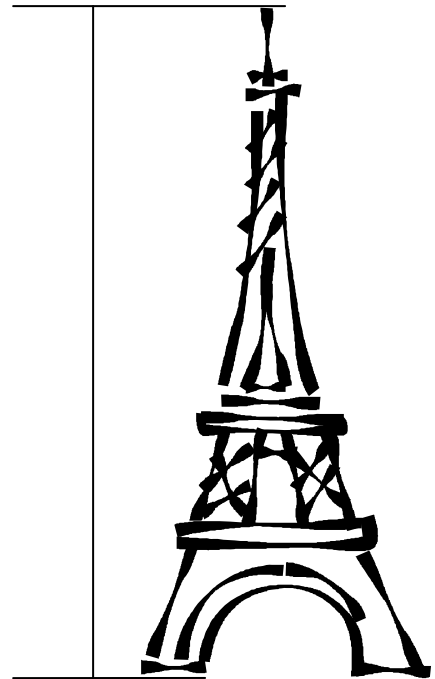
(16A)



16. Measure the bottom (base) side of the triangle to the nearest centimeter.

- 6
- 7
- 8
- 9

(16A)



17. Use your ruler to measure the picture to the nearest half inch.

- $2\frac{1}{2}$  inches
- 3 inches
- $3\frac{1}{2}$  inches
- 4 inches

(16B)

18. In the space below, draw a line segment that is 4 centimeters long.

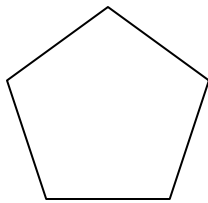
(16B)

19. Draw a line segment that is  $1\frac{1}{2}$  inches long.

(16B)

20. Draw a line segment that is 2 inches long in the space below.

(17A)

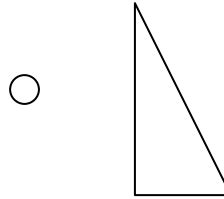
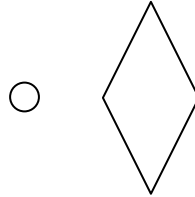
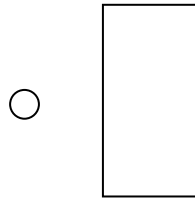
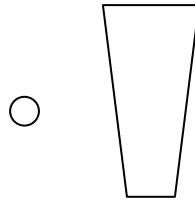


21. What is the name of the shape?

- hexagon
- pentagon
- trapezoid
- triangle

(17A)

22. Which shape is a rectangle?



(17A)

23. How many sides does a **hexagon** have?

- 4
- 5
- 6
- 8

(17A)

23. How many angles does a **pentagon** have?

- 4
- 5
- 6
- 8

24. Draw a polygon in the space below.

(17B)

Explain why the shape you drew is a polygon. \_\_\_\_\_

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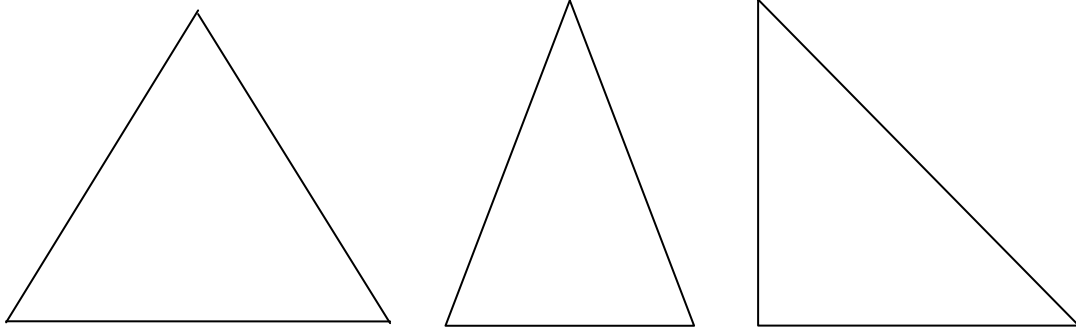
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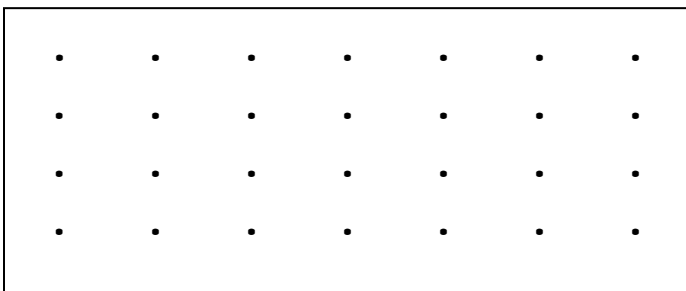
25. Draw a hexagon inside the equilateral triangle.

(17B)

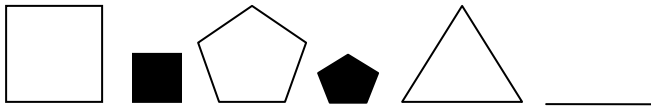


26. Draw a parallelogram. You may use the grid to help you, but you do not have to use the grid.

(17B)



(22A)



27. In this **repeating pattern**, what shape is next?

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- 
- 
- 

(22A)

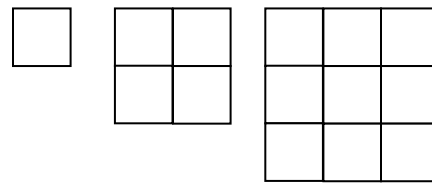
These numbers follow a pattern.

42, 38, 34, 30, \_\_, 22

28. What number is missing in the pattern?

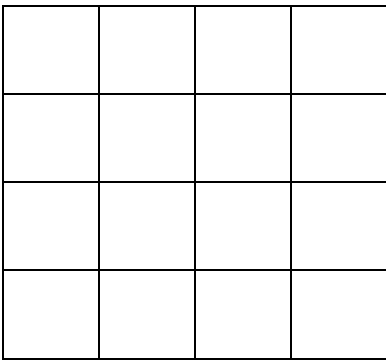
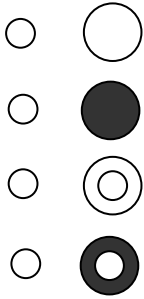
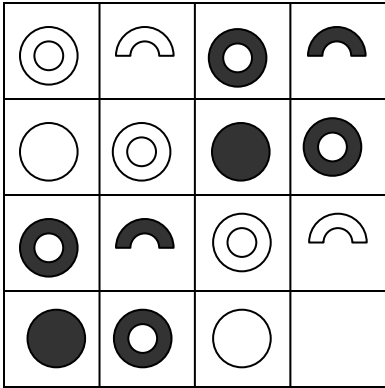
- 34
- 26
- 28
- 24

(22A)

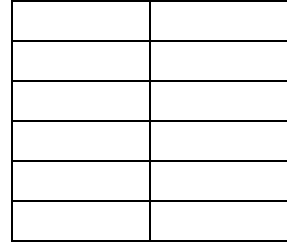


29. This is a **growing pattern**. What picture should be next in the pattern?

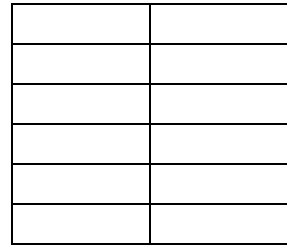
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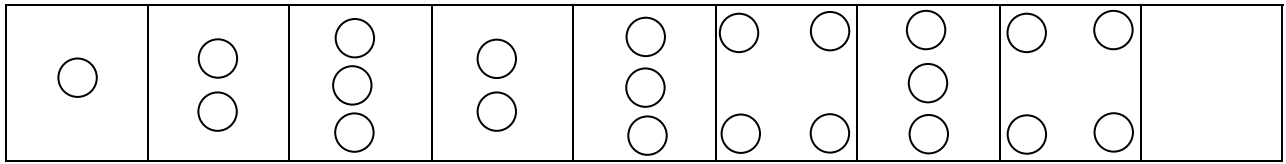


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(22B)



32. What should be next in the pattern? Fill in the last box, draw what comes next. Explain why the shapes you drew are next in the pattern.

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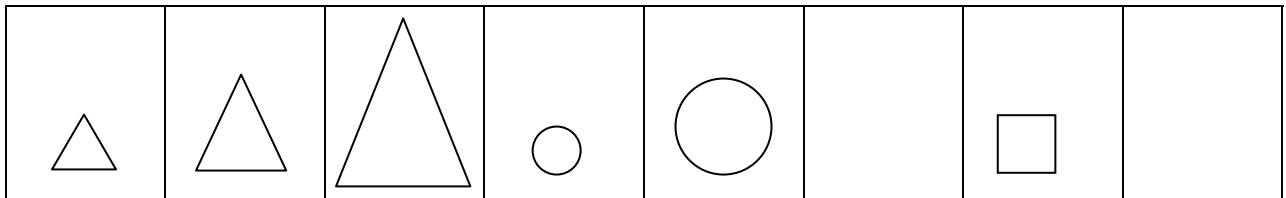
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33. What is missing in the pattern? Draw the missing shape in the pattern. Explain why the shape you drew is the missing shape.

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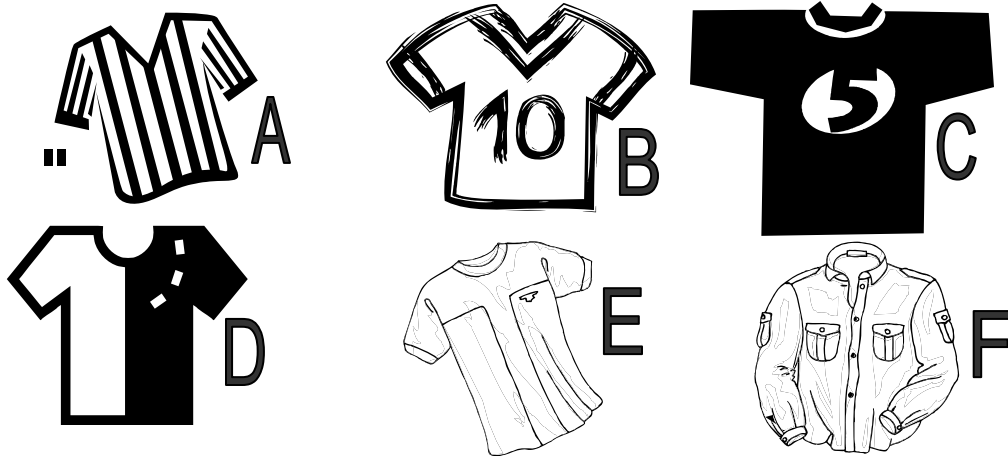
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(24B)

34. Sort all 5 of these objects into 2 groups so that the objects in each group have something in common. Show how you grouped the objects by writing the **letters** from each object in the boxes labeled Group 1 and Group 2. Then **explain** how you decided to group the objects.



GROUP A	GROUP B

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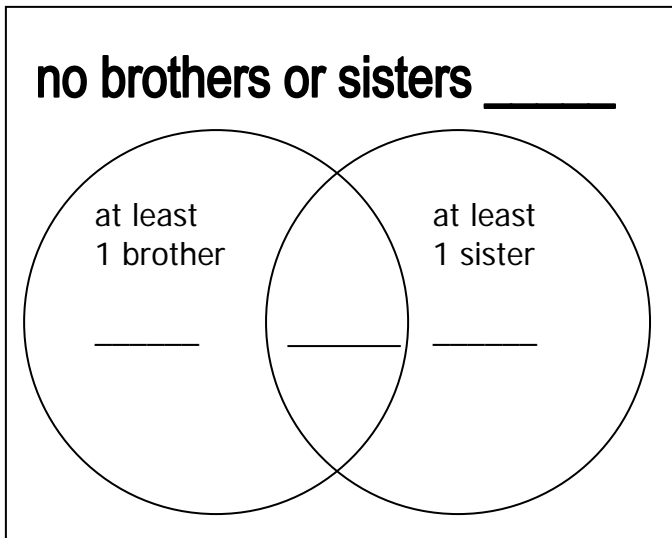


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(24B)

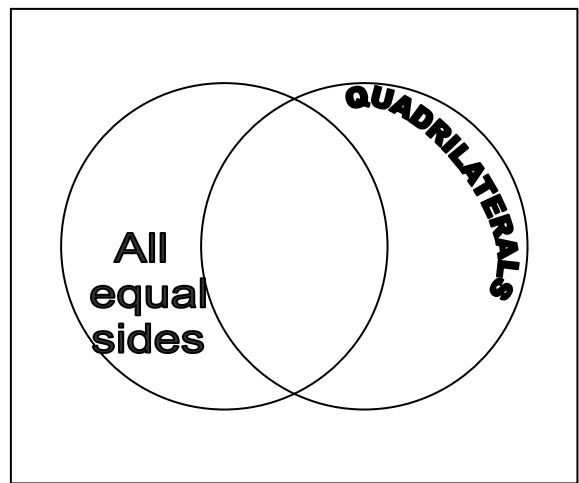
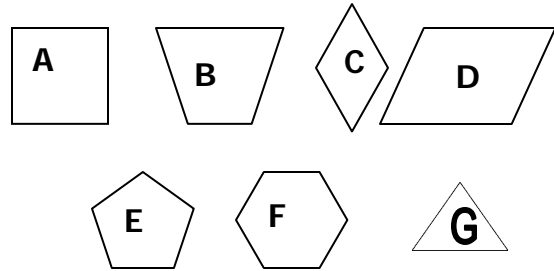
35. In a class of 22 children,
- 14 children have at least one brother,
  - 4 children have at least one brother and at least one sister, and
  - 3 children have no brothers or sisters.

Fill in **all 4 parts** of the Venn diagram to find out how many children have **at least 1 sister**.



(24B)

36. Write the **letter** of each shape in the correct place in the drawing below.



(24A)

37. Olivia wants to order a pizza for supper.
- There are 2 sizes available: **medium** , and **large**.
  - There are 2 toppings available: **olives** or **beef**.
  - There are 2 crusts available: **thin** or **stuffed**.

How many different types of pizza can Olivia order? \_\_\_\_\_

Show how you got your answer, or list all the different pizzas. Use another paper if you need more space.

(24B)

38. Nate, Bob, Mark, and Ryan compared the lengths of their arms.

- Ryan's arm is **not** the longest arm.
- Nate's arm is longer than Bob's arm.
- Ryan's arm is longer than Nate's arm.

Write the names of the boys in order of arm length:

Longest			Shortest

(24B)

39. Melissa, Nan, Peter, and Robert sold raffle tickets for a new television set.

- Melissa sold 5 fewer tickets than Peter.
- Robert sold 25 more tickets than Nan.
- Peter sold 20 fewer tickets than Nan.
- Nan sold 70 tickets.

How many tickets did Melissa sell? \_\_\_\_\_

Show how you figured out your answer.

Use another paper if you need more space.

(24A/B)

40. Read the clues to find the mystery number:

- I am between 50 and 60.
- The sum of my digits is odd.
- My ones digit is one less than my tens digit.

What is the mystery number?

- 52
- 54
- 55
- 57

(25A)

41. José is going to Lake Compounce in Bristol. He will buy books of tickets for the rides.

- A green book has **5 tickets for \$6.**
- A blue book has **10 tickets for \$8.**

The table shows the rides available and the number of tickets needed for each ride:

RIDE	NUMBER OF TICKETS NEEDED
Carousel	5 tickets
Lake Plunge	6 tickets
Roller Coaster	10 tickets
Sky Ride	7 tickets
Trolley Ride	9 tickets
Wave Pool	12 tickets

José

- must go on exactly 4 different rides,
- can go on any ride no more than 6 times, and
- cannot go on each ride the same number of times.

Fill in the charts to show your answers.

Names of Rides	Number of Times on each ride	Number of Tickets Needed for That Many Rides

Total Number of Tickets Bought	Number of <b>GREEN</b> Ticket Books Bought	Number of <b>BLUE</b> Ticket Books Bought	Total Cost