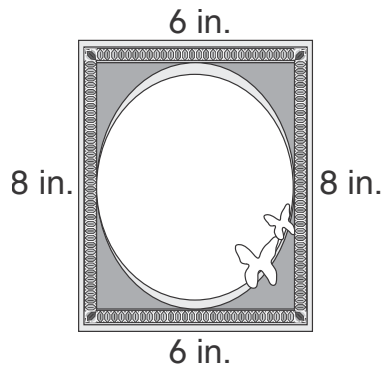


Name _____

1. A picture frame has a length of 8 in. and a width of 6 in. What is the total distance around the frame? Use the image below for help.



Distance around: _____ in.

2. Morgan is 46 inches tall. Jesse is 5 inches shorter than Morgan. Brad is 6 inches taller than Jesse.

How tall is Brad?

- Ⓐ 35 in. Ⓒ 52 in.
Ⓑ 47 in. Ⓓ 57 in.

3. Nick has a ribbon that is 8 yards long. Sofia's ribbon is 14 yards long. Pablo's ribbon is 4 yards longer than Sofia's ribbon.

Use the measurements on the cards to complete each sentence.

6
yards

10
yards

18
yards

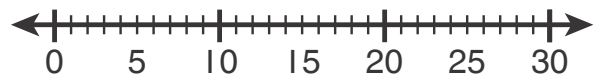
Pablo's ribbon is _____ long.

Nick's ribbon is _____ shorter than Sofia's ribbon.

Pablo's ribbon is _____ longer than Nick's ribbon.

4. Jake's mother drives 16 miles. Then she drives 8 more miles.

Use the number line to find how far Jake's mother drives. Then explain your work.



5. Margo says that each unknown equals 36 cm. Do you agree? Choose Yes or No.

$$56 \text{ cm} + ? = 92 \text{ cm}$$

Yes No

$$62 \text{ cm} - 26 \text{ cm} = ?$$

Yes No

$$? + 45 \text{ cm} = 71 \text{ cm}$$

Yes No

6. Seth got a pet snake that was 32 cm long. Now the snake is 56 cm long. How many centimeters did the snake grow?

(A) 88 cm

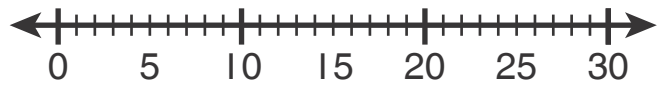
(B) 36 cm

(C) 33 cm

(D) 24 cm

7. Robin runs 22 miles in all on Saturday and Sunday. She runs 9 miles on Sunday. How many miles does she run on Saturday? Write an equation to show the unknown. Then use the number line to solve.

_____ _____ = _____
 _____ miles



8. Jason has 19 inches of wire. He cuts off 9 inches. How much wire is left?

A. Which of these tools could you use to solve the problem? Choose all that apply.

- centimeter ruler
- paper and pencil
- number line
- inch ruler
- measuring cup

B. Write an equation to show the unknown. Draw a number line to solve.

_____ _____ = _____

_____ in.