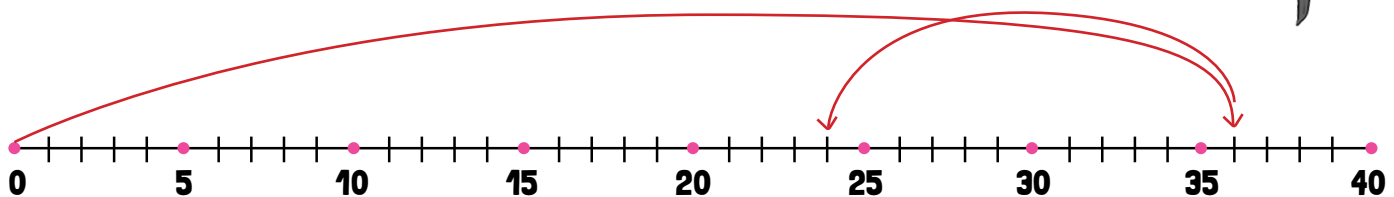


# MIXED REVIEW USING A NUMBER LINE TO SOLVE PROBLEMS

Directions: Read each problem. Use the provided number lines to solve the problem. Then write a number sentence to match the problem.

1

James was making a poster for school. He started with a piece of paper that was 36 inches long. He had to cut 12 inches off of the paper for it to be the correct length. How long is the paper now?



Number sentence

$$36 \text{ inches} - 12 \text{ inches} = 24 \text{ inches}$$

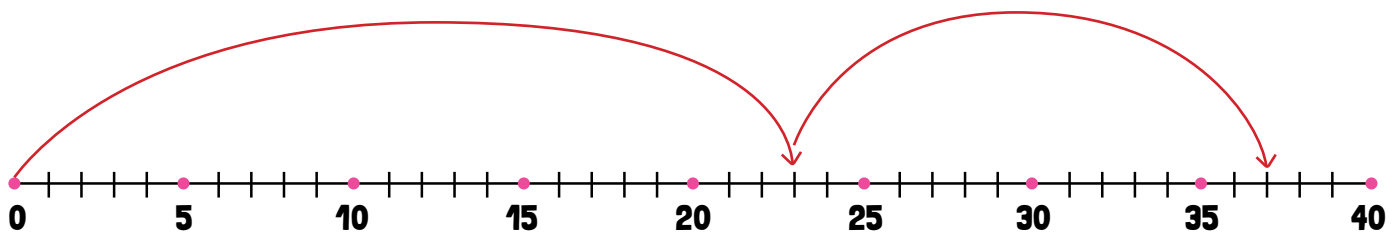
James paper is

24

inches long now.

2

Mrs. Hobson is sewing a button on her sweater. She takes 23 centimeters of thread off the spool for this task. However, when she looks at the thread, it doesn't seem to be enough. So, she takes 14 more centimeters of thread off the spool. How much thread did Mrs. Hobson take off of the spool altogether?



Number sentence

$$23 \text{ centimeters} + 14 \text{ centimeters} = 37 \text{ centimeters}$$

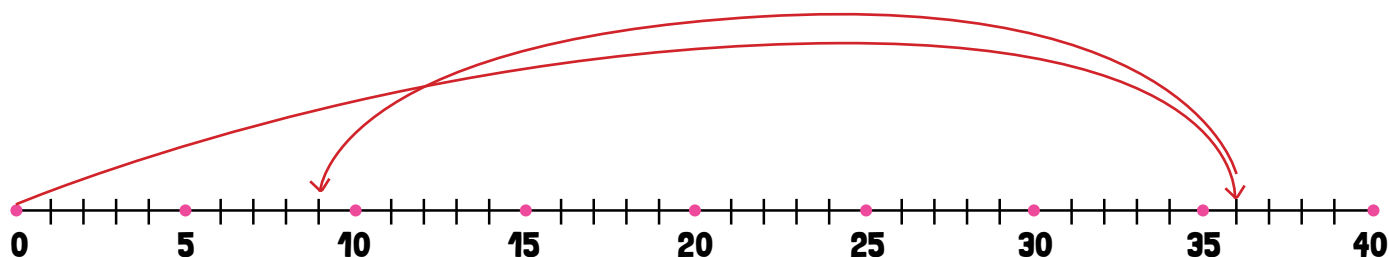
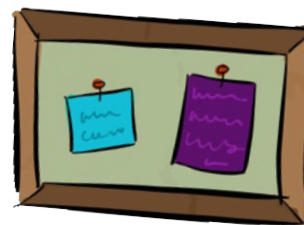
Mrs. Hobson has taken

37

centimeters of thread off the spool to sew on her button.

3

Andy's teacher is putting a border around a large bulletin board. She starts with a strip of border that is 36 yards long. When she measures the length around the bulletin board it is only 27 yards. How much of the border will Andy's teacher have to cut off to get the correct length?



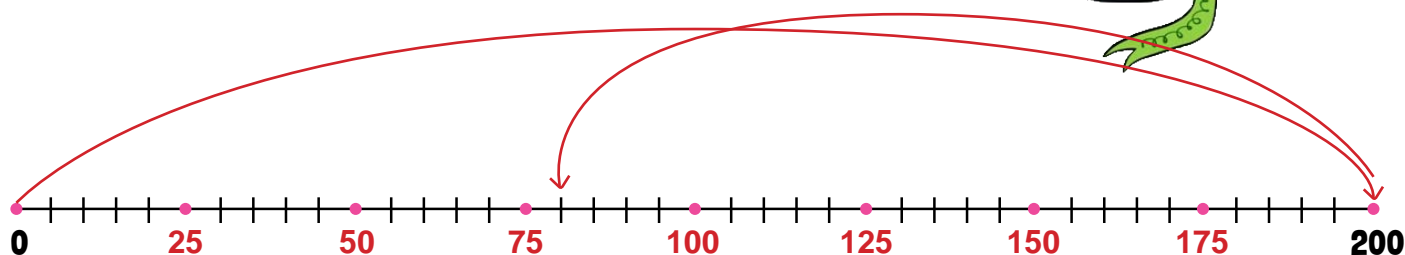
Number sentence

$$36 \text{ yards} - 27 \text{ yards} = 9 \text{ yards}$$

Andy's teacher has to cut off **9** yards of the border to have the right amount.

4

Becky is helping decorate the classroom for a class party. First, she hands up a blue streamer that is 200 feet long. When it runs out, she grabs a white streamer roll that is 80 feet long. How much longer is the blue streamer than the white streamer?



For this number line, to make the numbers fit we decided to make each tick mark equal to more than one. Fill in the numbers missing from each dot to complete the number line.

Hint: Try skip-counting.

Number sentence

$$200 \text{ feet} - 80 \text{ feet} = 120 \text{ feet}$$

What does each tick mark on the number line equal?

**5**

The blue streamer is **120** feet longer than the white streamer.