LESSON MAKER PRO

Minute by Minute

Show how time passes on a number line.

GRADE 3 · 3.M.A.18.a

3.M.A.18.a "Solve real-world problems involving addition and subtraction of time intervals in minutes by representing the problem on a number line diagram."

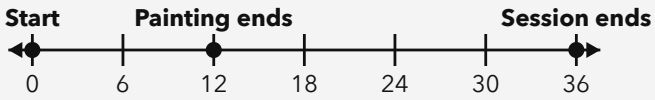
NAME _____ DATE _____

TIME ON A NUMBER LINE

A number line can show how many minutes have passed. Jump right to add minutes. To find a missing part, count the minutes between two points.

WORKED EXAMPLE

A craft session lasts 36 minutes. Painting takes the first 12 minutes. How many minutes are left for folding? Use the number line.

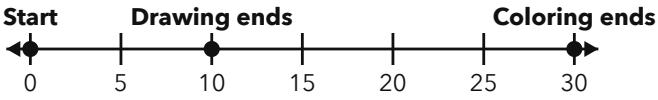


1. Find 12, where painting ends.
2. Count from 12 to 36: 24 minutes.
3. Check: 12 + 24 = 36.

Answer: 24 minutes

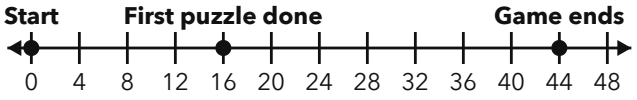
PRACTICE 6 problems

1 The number line shows when Maya starts a comic, finishes drawing, and finishes coloring. How many minutes does she spend coloring?



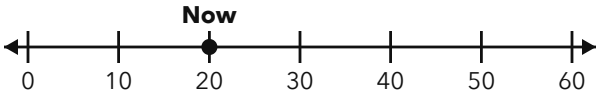
ANSWER _____

2 The number line shows when a puzzle game starts, when the first puzzle is finished, and when the game ends. How many minutes does the rest of the game take?



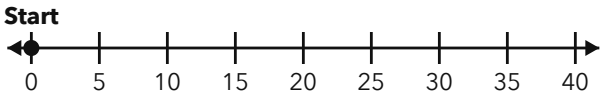
ANSWER _____

3 A video has played to the marked point. It plays for 30 more minutes. At what minute does it stop? Show a jump on the number line.



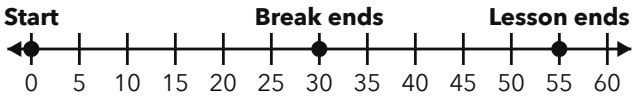
ANSWER _____

4 Nico plays soccer for 10 minutes, rests for 5 minutes, then plays for 20 more minutes. How many minutes pass altogether? Show the jumps on the number line.



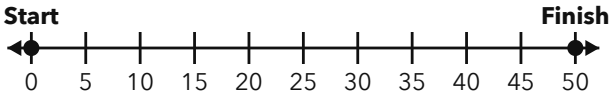
ANSWER _____

5 The number line shows when a music lesson starts, when the class takes a break, and when the lesson ends. How many minutes pass after the break?



ANSWER _____

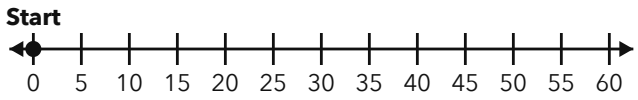
6 A dance practice ends at the marked point. The final dance takes 20 minutes. At what minute does the final dance begin? Show a backward jump on the number line.



ANSWER _____

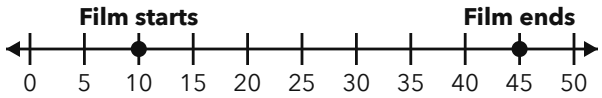
APPLY IT Show your work

1 At the skate park, Lina skates for 25 minutes, takes a 10-minute snack break, then skates for 20 more minutes. How many minutes pass from the start of skating to the end? Show the jumps on the number line.



ANSWER _____

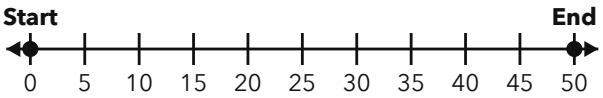
2 The number line shows when a short film starts and ends during a class movie afternoon. How many minutes long is the film?



ANSWER _____

CHALLENGE One step up

A school fair has a 50-minute game period. You spend 15 minutes at ring toss and 20 minutes at beanbag toss. How many minutes are left for a third game? Show all three parts on the number line.



WORK SPACE AND ANSWER

ANSWER KEY

Minute by Minute

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	The number line shows when Maya starts a comic, finishes drawing, and finishes coloring. How many minutes does she spend coloring?	**20 minutes**
2	The number line shows when a puzzle game starts, when the first puzzle is finished, and when the game ends. How many minutes does the rest of the game take?	**28 minutes**
3	A video has played to the marked point. It plays for 30 more minutes. At what minute does it stop? Show a jump on the number line.	**Minute 50**
4	Nico plays soccer for 10 minutes, rests for 5 minutes, then plays for 20 more minutes. How many minutes pass altogether? Show the jumps on the number line.	**35 minutes**
5	The number line shows when a music lesson starts, when the class takes a break, and when the lesson ends. How many minutes pass after the break?	**25 minutes**
6	A dance practice ends at the marked point. The final dance takes 20 minutes. At what minute does the final dance begin? Show a backward jump on the number line.	**Minute 30**

PART 2 · APPLY IT

1. **55 minutes** Jump from 0 to 25, then to 35, then to 55. The snack break counts because the question asks how much time passes.
2. **35 minutes** Count from 10 to 45, or subtract 10 from 45.

CHALLENGE

15 minutes

Accept number-line jumps in either order for the two games in the challenge. For the word problems, look for jumps or marked points that match the time intervals.