

Minute Mission

Add and subtract time intervals in minutes.

GRADE 3 • TEKS 3.7.C

3.7.C "determine the solutions to problems involving addition and subtraction of time intervals in minutes using pictorial models or tools such as a 15-minute event plus a 30-minute event equals 45 minutes;"

NAME _____

DATE _____

TIME INTERVAL MOVES

When events happen one after another, add their minutes to find the total time. When you know the total time and one part, subtract to find the missing part.

WORKED EXAMPLE

An art activity lasts 20 minutes. A game lasts 25 minutes. How many minutes do the two events last altogether?

1. Write $20 + 25$.
2. Add $20 + 20 = 40$.
3. Add $40 + 5 = 45$.

Answer: 45 minutes

PRACTICE 6 problems

- 1** A song lasts 12 minutes. A second song lasts 18 minutes. How many minutes do both songs last?

ANSWER _____

- 2** A science video is 35 minutes long. You have watched 14 minutes. How many minutes are left?

ANSWER _____

- 3** The clock shows when a reading break started. The break ended at 2:32. How many minutes did the break last?



ANSWER _____

- 4** A player spends 16 minutes building a game level and 23 minutes testing it. How many minutes does the player spend altogether?

ANSWER _____

- 5** The clock shows when a class garden job started. The job lasted 26 minutes. What time did it end?



ANSWER _____

- 6** A craft project takes 50 minutes in all. Painting takes 28 minutes. How many minutes are used for the other part of the project?

ANSWER _____

APPLY IT Show your work

- 1** Jordan practices skateboard tricks for 17 minutes. Then Jordan practices riding safely for 29 minutes. How many minutes does Jordan practice altogether?

WORK SPACE

ANSWER _____

- 2** The clock shows when a robot demonstration began at the school carnival. The demonstration ended at 4:02. How many minutes did it last?



ANSWER _____

CHALLENGE One step up

The tape shows the times for three parts of a coding club meeting. How many minutes did the third part last? Explain how you found the missing time.

Coding club

19 min	24 min	? min
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] 71 minutes

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A song lasts 12 minutes. A second song lasts 18 minutes. How many minutes do both songs last?	30 minutes
2	A science video is 35 minutes long. You have watched 14 minutes. How many minutes are left?	21 minutes
3	The clock shows when a reading break started. The break ended at 2:32. How many minutes did the break last?	27 minutes
4	A player spends 16 minutes building a game level and 23 minutes testing it. How many minutes does the player spend altogether?	39 minutes
5	The clock shows when a class garden job started. The job lasted 26 minutes. What time did it end?	4:38
6	A craft project takes 50 minutes in all. Painting takes 28 minutes. How many minutes are used for the other part of the project?	22 minutes

PART 2 • APPLY IT

- 46 minutes** Add the two time intervals: $17 + 29 = 46$.
- 47 minutes** From 3:15 to 4:00 is 45 minutes. Add 2 more minutes to get 47 minutes.

CHALLENGE

28 minutes. $19 + 24 = 43$, and $71 - 43 = 28$.

Accept answers written with the unit minutes or min. For the challenge, accept a correct explanation that adds the known parts and subtracts that sum from 71.