

Time Trail

Find how long each event lasts.

GRADE 3 • 3.MDR.5.3

3.MDR.5.3 "Solve meaningful problems involving elapsed time, including intervals of time to the hour, half hour, and quarter hour where the times presented are only on the hour, half hour, or quarter hour within a.m. or p.m. only."

NAME _____

DATE _____

COUNT TIME FORWARD

To find elapsed time, start at the first time and count forward to the ending time. Break the time into hour, half-hour, or quarter-hour jumps, then add the jumps.

WORKED EXAMPLE

A movie begins at 1:15 p.m. and ends at 2:45 p.m. How much time passes?

1. Count from 1:15 p.m. to 2:15 p.m.: 1 hour.
2. Count from 2:15 p.m. to 2:45 p.m.: 30 minutes.
3. Add the parts: 1 hour + 30 minutes = 1 hour 30 minutes.

Answer: 1 hour 30 minutes

PRACTICE 6 problems

- 1** How much time passes from 8:00 a.m. to 9:00 a.m.?

ANSWER _____

- 2** How much time passes from 3:30 p.m. to 4:15 p.m.?

ANSWER _____

- 3** How much time passes from 8:45 a.m. to 10:00 a.m.?

ANSWER _____

- 4** How much time passes from 6:15 p.m. to 7:45 p.m.?

ANSWER _____

- 5** How much time passes from 12:15 p.m. to 2:30 p.m.?

ANSWER _____

- 6** How much time passes from 7:45 a.m. to 10:15 a.m.?

ANSWER _____

APPLY IT Show your work

- 1** Jalen's soccer practice starts at 4:15 p.m. and ends at 5:30 p.m. How long is soccer practice?

WORK SPACE

ANSWER _____

- 2** The library's comic book club meets from 9:45 a.m. to 11:15 a.m. How long does the club meet?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Ava practices drawing from 5:15 p.m. to 6:00 p.m. She practices piano from 6:30 p.m. to 7:45 p.m. How much time does Ava spend practicing altogether?

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	How much time passes from 8:00 a.m. to 9:00 a.m.?	1 hour
2	How much time passes from 3:30 p.m. to 4:15 p.m.?	45 minutes
3	How much time passes from 8:45 a.m. to 10:00 a.m.?	1 hour 15 minutes
4	How much time passes from 6:15 p.m. to 7:45 p.m.?	1 hour 30 minutes
5	How much time passes from 12:15 p.m. to 2:30 p.m.?	2 hours 15 minutes
6	How much time passes from 7:45 a.m. to 10:15 a.m.?	2 hours 30 minutes

PART 2 • APPLY IT

- 1 hour 15 minutes** Count 1 hour from 4:15 p.m. to 5:15 p.m. Then count 15 more minutes to 5:30 p.m.
- 1 hour 30 minutes** Count 1 hour from 9:45 a.m. to 10:45 a.m. Then count 30 more minutes to 11:15 a.m.

CHALLENGE

2 hours

Accept equivalent time forms, such as 60 minutes for 1 hour. Students may count forward in different-sized jumps if the total elapsed time is correct.