LESSON MAKER PRO

Time Fact Detectives

Use hours and minutes to solve time problems.

GRADE 2 · 2.MG.2.a

2.MG.2.a "Identify the number of minutes in an hour (60 minutes) and the number of hours in a day (24 hours)."

NAME _____ DATE _____

TIME FACTS

One hour has 60 minutes. One day has 24 hours. Use these facts to find longer amounts of time.

WORKED EXAMPLE

A video game event lasts 4 hours. How many minutes does it last?

1. 1 hour = 60 minutes.
2. 4 hours = 60 + 60 + 60 + 60 minutes.
3. 60 + 60 + 60 + 60 = 240.

Answer: 240 minutes

PRACTICE 5 problems

1 A family camps for 2 days. How many hours is that?

ANSWER _____

2 A pet sitter visits for 3 days. How many hours is that?

ANSWER _____

3 A school garden is checked for 5 days. How many hours is that?

ANSWER _____

4 A turtle rests for 12 hours. Is that less than or more than 1 day?

ANSWER _____

5 A puppy naps for 8 hours in a day. A day has 24 hours. How many hours is the puppy awake?

ANSWER _____

APPLY IT Show your work

1 Each art club session lasts 1 hour. Ezra goes to 3 sessions. How many minutes does Ezra spend at art club?

WORK SPACE

ANSWER _____

2 Nia stays at her cousin's house for 2 full days. How many hours does she stay?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A robot is turned on for 1 full day and 2 more hours. How many hours is the robot turned on? Explain how you know.

WORK SPACE AND ANSWER

ANSWER KEY

Time Fact Detectives

GRADE 2 · 2.MG.2.a

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A family camps for 2 days. How many hours is that?	**48 hours**
2	A pet sitter visits for 3 days. How many hours is that?	**72 hours**
3	A school garden is checked for 5 days. How many hours is that?	**120 hours**
4	A turtle rests for 12 hours. Is that less than or more than 1 day?	**less than 1 day**
5	A puppy naps for 8 hours in a day. A day has 24 hours. How many hours is the puppy awake?	**16 hours**

PART 2 · APPLY IT

1. **180 minutes** Three hours are three groups of 60 minutes. 60 + 60 + 60 = 180.
2. **48 hours** Each day has 24 hours. 24 + 24 = 48.

CHALLENGE

26 hours. One day is 24 hours, and 24 + 2 = 26.

Accept "less than a day" for problem 4. Require the correct unit, minutes or hours, for numerical answers.