

**AMERICAN MATH HW**  
**WEEK OF February 23-27, 2026**

**Due Date: Sunday, 3/1 by midnight**

**Focus for the week:** The focus of the HW this week is Time.

**Pacing guideline:** Look at the top right corner of the page for the suggested pace.

**Uploading Instructions:** Homework will be accepted only through Archie. Upload homework on Archie and wait till you get the message – “**the file has been successfully uploaded**”. If for any reason you have technical issues, get in touch with me as soon as possible.

Paper homework is accepted for valid reasons. In such cases, parents should reach out via email to inform about the same.

**IMPORTANT** – Please show ALL YOUR WORK done to find the answer to any problem to earn FULL CREDIT. No credit is earned when only final answer is written and no work is shown.

**Note:** Bring your homework to class every day. I will discuss the HW from the previous day in every class. It is important to practice the assigned topics daily because the next day’s instruction builds on the previous lesson.

**ANNOUNCEMENT – Quiz on Mon 2/23 on content covered last week.**

**Additional Practice Material (Optional):**

- 1) IXL practice:
  - i. Go to IXL.com on any web browser OR IXL app on iPad
  - ii. Login using following credentials:
    - o Username – your\_archie\_username@archimedeanacad
    - o Password – archie199
  - iii. Go to Learning> Skills> Fourth Grade Math
  - iv. Practice modules –  
Fourth Grade : DD1-DD10

# Units of Time

**Go Online**

Interactive Examples

**Complete.**

1. 6 minutes = 360 seconds

 Think: 1 minute = 60 seconds,  
so 6 minutes =  $6 \times 60$  seconds, or 360 seconds.

2. 5 weeks = \_\_\_\_\_ hours

3. 3 years = \_\_\_\_\_ weeks

4. 9 hours = \_\_\_\_\_ minutes

5. 9 minutes = \_\_\_\_\_ seconds

**Compare using  $<$ ,  $>$ , or  $=$ .**

6. 2 years  14 months

7. 3 hours  300 minutes

8. 2 days  48 hours

9. 6 years  300 weeks

## Problem Solving

10. Jody practices a piano piece for 500 seconds. Bill practices a piano piece for 8 minutes. Who practices longer? Explain.

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11. Yvette's younger brother just turned 3 years old. Fred's brother is now 30 months old. Whose brother is older? Explain.

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12.  *Math* Explain how you can prove that 24 days is more than 3 weeks.

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## Lesson Check

13. Aemilius rides his bike for 2 hours. For how many seconds does Aemilius ride his bike?
14. Caelum says that vacation starts in exactly 4 weeks. In how many days does vacation start?

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## Spiral Review

15. Da-xia buys  $\frac{9}{4}$  pounds of apples. What is that weight as a mixed number?
16. Lam, Fo-hai, and Maili each earn \$5.40 raking leaves. How much do they earn together?

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17. Melinda rides her bike  $\frac{54}{100}$  mile to the library. Then she rides  $\frac{4}{10}$  mile to the store. How far does Melinda ride her bike in all? Write your answer as a decimal.
18. One day, the students drink 60 quarts of milk at lunch. How many pints of milk do the students drink?

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# Elapsed Time

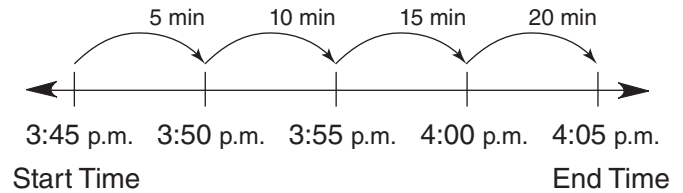
**Go Online**

Interactive Examples

Read each problem and solve.

- Candra started her piano lesson at 3:45 p.m. The lesson lasted 20 minutes. What time did the piano lesson end?

**Think:** What do I need to find? How can I draw a diagram to help?



4:05 p.m.

- Capricornus spent 24 minutes playing a computer game. He then went outside and played basketball for 36 minutes. He stopped playing basketball at 3:55 p.m. What time did he start playing video games?

- Aimee drives 20 minutes to her karate class. Her karate class lasts 1 hour and 15 minutes and is over at 5:00 p.m. What time does, Aimee start driving to her karate class?

- Mr. Giarmo left for work at 7:15 a.m. Twenty-five minutes later, he arrived at his work. What time did Mr. Giarmo arrive at his work?

- WRITE** *Math* Explain why it is important to know if a time is in the a.m. or in the p.m. when figuring out how much time has elapsed.

## Lesson Check

6. Bobbie went snowboarding with friends at 10:10 a.m. They snowboarded for 1 hour and 43 minutes, and then they ate lunch for 37 minutes. What time did they finish lunch?
7. The Cain family drove for 1 hour and 15 minutes and arrived at their camping spot at 3:44 p.m. What time did the Cain family start driving?

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## Spiral Review

8. A praying mantis can grow up to 15 centimeters long. How long is this in millimeters?
9. Thom's minestrone soup recipe makes 3 liters of soup. How many milliliters of soup is this?

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10. Horace walks  $\frac{2}{3}$  mile each day. List three multiples of  $\frac{2}{3}$ .
11. Angelica colored in 0.60 of the squares on her grid. Write 0.60 as tenths in fraction form.

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## Time word problems

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### Grade 4 Word Problems Worksheet

Remember to include "a.m." or "p.m." in your answers when appropriate.

1. Hugh and his friends watched the latest action movie at the movie theater. The movie was 2 hours and 45 minutes long. They left the movie theater at 4:30 p.m. At what time did the movie start?
  
2. Lorraine left her home at 9:25 a.m. She arrived at the movie theater at 9:55 a.m., bought a movie ticket, and waited for another 20 minutes before the movie started. How long was it from the time she left her house until the movie began?
  
3. Hugh is waiting for his 2 friends at the movie theater. Shaun left his house at 9:20 a.m. and walked for 15 minutes before he arrived at the movie theater. Steve left his house at 8:45 a.m. and walked for 55 minutes before he arrived at the movie theater. Who arrived at the movie theater earlier?



