Another Look!

You can use the information in the table to compare different lengths of time.

Which is longer: 3 years or 40 months?

1 year = 12 months

3 × 12 = 36
3 years = 36 months

40 months > 36 months
40 months > 3 years

So, 40 months is longer than 3 years.

DATA

Units of Time
1 minute = 60 seconds
1 hour = 60 minutes
1 day = 24 hours
1 week = 7 days
1 month = about 4 weeks
1 year = 52 weeks
1 year = 12 months
1 year = 365 days
1 leap year = 366 days
1 decade = 10 years
1 century = 100 years
1 millennium = 1,000 years

Remember: Use the same units of time to compare the numbers.

In **1** through **12**, write >, <, or = for each ◯.

1. 7 × 60 = _____ minutes

7 hours ◯ 380 minutes

2. 12 × 7 = _____ days

68 days ◯ 12 weeks

3. 1 year ◯ 350 days

4. 25 months ◯ 2 years

5. 20 decades ◯ 2 centuries

6. 720 days ◯ 2 years

7. 8 decades ◯ 1 century

8. 72 hours ◯ 3 days

9. 240 minutes ◯ 3 hours

10. 3 years ◯ 120 months

11. 400 weeks ◯ 5 years

12. 3,000 days ◯ 1 decade

13. The table shows the length of time three books were listed on the Best Seller List. Which book was on the list for the longest time?

Book	Time on Best Seller List
Book 1	14 months
Book 2	420 days
Book 3	64 weeks

14. Mrs. Cash teaches 8 classes a day. Each class is 45 minutes long. How many hours does Mrs. Cash teach each day?

A 6 hours
B 8 hours
C 60 hours
D 360 hours

15. **Formulate a Plan** A theater has 358 seats on the main level and 122 seats in the balcony. There are 6 shows each day. What is the greatest number of people the theater can seat in one day? Explain.

16. **Extend Your Thinking** John wants to find the age in months of everyone in his family. Complete the table.

John's Family		
Family Member	**Age**	**Age in Months**
John's father	4 decades	
John's mother	38 years	
John's brother	180 days	
John	500 weeks	

17. **Analyze Information** Dave's goldfish lived for 2 years 8 months. Chris's goldfish lived for 35 months. Whose goldfish lived longer? How much longer?

18. Tree A lived for 6 decades and 5 years. Tree B lived for 58 years. Which tree lived longer? How much longer?

19. **Extend Your Thinking** How many minutes are in 1 week? Show your work.

20. **Explain** Which is longer: 180 seconds or 3 minutes? Explain how you decided.