Measuring Time: 12-Hour and 24-Hour Clocks

This module explores the 12-hour and 24-hour clock formats, essential for understanding and managing time effectively.
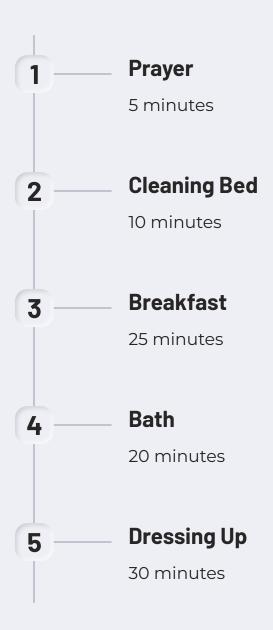
Units of Time Conversion

TIME COLVIRESİ

		HOUR	HOUR	WEEK	DAYS	YEARS
12.5 Grart?	12.5 Grreff	12.5 (Greeff)	19.5 (anarf)	14.5 (Greef)	187 (graf)	14.3 (Greef)
00 -300—300		3000	3000	3000	3010	2000
00 -300—300		3600	3000	5010	3010	3000
00 -300—300		3000	5010	5070	3010	3500
00 -300—300		3600	3010	3000	3010	3000
00 -300—300		4000	1000	4070	3010	3000
00 -200—500		2000	3010	3000	3010	1500
00 -200—200		2000	5010	3000	3010	2000
00 -300—300		3000	3010	3010	3010	3000
00 -300—300		3000	3010	3010	3010	3000
00 -300—300		3000	3070	3010	3010	3000
00 -300—300		2000	3010	3010	5510	3000
00 -300—300		2000	3010	5010	3510	3000
00 -300—300		3000	3010	3010	3510	3000
00 -300—300		2000	3010	5070	3010	3000
00 -300—300		3000	3010	5010	5010	2000

1 millennium	= 10 centuries
1 century	= 10 decades
1 decade	= 10 years
1 year	= 12 months
1 month	= 4 weeks
1 week	= 7 days
1 day	= 24 hours
1 hour	= 60 minutes
1 minute	= 60 seconds

Alfred's Morning Routine

1   **Prayer**

5 minutes

2   **Cleaning Bed**

10 minutes

3   **Breakfast**

25 minutes

4   **Bath**

20 minutes

5   **Dressing Up**

30 minutes

Calculating Alfred's Wake-Up Time

Alfred needs 90 minutes for his morning routine, which is 1 hour and 30 minutes.

Subtracting 1 hour and 30 minutes from 7:30 AM, Alfred should wake up at 6:00 AM.

Understanding Time Terminology

1 **Midnight**

12:00 AM

2 **Quarter**

1/4 hour = 15 minutes

3 **Half**

1/2 hour = 30 minutes

4 **20 Minutes After**

Add 20 minutes to the current time.

Time Terminology (Continued)

1 **5 Minutes Before**

Subtract 5 minutes from the current time.

2 **10 Minutes Past**

Add 10 minutes to the current time.

3 **Quarter To**

Subtract 15 minutes from the current time.

12-Hour and 24-Hour Clock Formats

12-Hour Clock

Uses AM and PM to indicate morning or afternoon.

Runs from 12:00 AM to 11:59 AM and 12:00 PM to 11:59 PM.

24-Hour Clock

Also known as military time, uses H for hours.

Starts at 00:00 (midnight) and ends at 23:59 (11:59 PM).

Converting 12-Hour to 24-Hour Clock

For times after noon (1:00 PM to 11:59 PM), add 12 to the hour.

For times before noon (12:00 AM to 12:59 AM), subtract 12 from the hour.

Converting 24-Hour to 12-Hour Clock

If the hour is 12, annex PM.

If the hour is 00, change to 12 and annex AM.

If the hour is greater than 12, subtract 12 and annex PM.

If the hour is less than 12, annex AM and remove leading zeros.