

## 3rd Grade Math: Adding Hours and Minutes

### *What Are Hours and Minutes?*

**Hours** and **minutes** are units of time. There are **60 minutes in 1 hour**. In 3rd grade, students learn how to add hours and minutes together to find total time, often by regrouping when the minutes add up to more than 60.

### Steps for Adding Hours and Minutes

1. **Add the minutes.**
  - If the total is **60 minutes or more**, regroup by converting extra minutes into hours.
2. **Add the hours.**
3. **Combine the hours and remaining minutes.**

### **Example 1: Adding Hours and Minutes Without Regrouping**

#### **Problem:**

You spend 1 hour and 20 minutes doing homework, and 2 hours and 15 minutes playing outside. How much total time did you spend?

#### **Solution:**

- First, **add the minutes:**

$$20 \text{ minutes} + 15 \text{ minutes} = 35 \text{ minutes}$$

- Then, **add the hours:**

$$1 \text{ hour} + 2 \text{ hours} = 3 \text{ hours}$$

- The total time is **3 hours and 35 minutes**.

### **Example 2: Adding Hours and Minutes With Regrouping**

#### **Problem:**

You watch a movie for 1 hour and 45 minutes, then another movie for 2 hours and 30 minutes. How much total time did you spend watching movies?

#### **Solution:**

- First, **add the minutes:**

$$45 \text{ minutes} + 30 \text{ minutes} = 75 \text{ minutes}$$

Since 75 minutes is more than 60, regroup:

$$75 \text{ minutes} = 1 \text{ hour and } 15 \text{ minutes}$$

- Next, **add the hours:**

$$1 \text{ hour} + 2 \text{ hours} + 1 \text{ extra hour} = 4 \text{ hours}$$

- The total time is **4 hours and 15 minutes.**

Practice Problem: Adding Hours and Minutes

**Problem:**

You practice piano for 2 hours and 50 minutes, then read for 1 hour and 25 minutes. How much time did you spend in total?

**Solution:**

- **Add the minutes:**

$$50 \text{ minutes} + 25 \text{ minutes} = 75 \text{ minutes}$$

Regroup:

$$75 \text{ minutes} = 1 \text{ hour and } 15 \text{ minutes}$$

- **Add the hours:**

$$2 \text{ hours} + 1 \text{ hour} + 1 \text{ extra hour} = 4 \text{ hours}$$

- The total time is **4 hours and 15 minutes.**

**Conclusion:**

- When adding hours and minutes, **regroup** if the minutes add up to 60 or more, converting extra minutes into hours.

- This skill is useful for calculating total time spent on activities and managing your schedule. Practice these steps, and you'll become a pro at adding hours and minutes!