

Name _____

Itinerary Logic



Directions: Read the flight schedules. Use the times, **layovers**, and **ticket costs** to choose the best itinerary for each situation.

Student Travel Scenario: Three students must travel from **Lakeview Airport** to **Harbor City Airport** for a robotics competition. All flights leave on the **same day**. Each student has a different goal.

<p>Option A</p> <ul style="list-style-type: none">• Flight 101 Leaves Lakeview at 7:30 a.m. Arrives at Central Hub at 9:00 a.m.• Layover: 45 minutes• Flight 202 Leaves Central Hub at 9:45 a.m. Arrives at Harbor City at 11:15 a.m.• Total Cost: \$190	<p>Option B</p> <ul style="list-style-type: none">• Flight 303 Leaves Lakeview at 9:10 a.m. Arrives at Harbor City at 12:30 p.m.• Nonstop• Total Cost: \$240
<p>Option C</p> <ul style="list-style-type: none">• Flight 404 Leaves Lakeview at 6:50 a.m. Arrives at East Terminal at 8:10 a.m.• Layover: 1 hour 30 minutes• Flight 505 Leaves East Terminal at 9:40 a.m. Arrives at Harbor City at 10:55 a.m.• Total Cost: \$175	<p>Option D</p> <ul style="list-style-type: none">• Flight 606 Leaves Lakeview at 8:00 a.m. Arrives at West Terminal at 9:20 a.m.• Layover: 30 minutes• Flight 707 Leaves West Terminal at 9:50 a.m. Arrives at Harbor City at 12:10 p.m.• Total Cost: \$205

1. Which option arrives at **Harbor City the earliest**?
2. Which option has **no layover**?
3. Which option has the **lowest total cost**?
4. Which option has the **longest layover**?
5. If a student **cannot leave before 8:00 a.m.**, which options are available?
6. If a student must arrive **by 12:00 p.m.**, which options will work?
7. Which option has the **shortest total travel time**, from first departure to final arrival?
8. A student wants the **cheapest flight that still arrives before noon**. Which option should they choose?
9. A student wants the **fewest possible connections**, even if it costs more. Which option is best?
10. A student wants a **good balance of low cost and early arrival**. Which option is the most reasonable choice?