

# Multistep Problems

**TAKS Objectives 4, 6**  
**TEKS 5.11A, 5.11B,**  
5.14A, 5.14B

**Solve.**

**1.** Javier started working on his homework at 4:30 P.M. He worked on his reading homework for 24 minutes and then worked on his math homework until 5:22 P.M. How many minutes did Javier spend on his math homework?

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**3.** The train from Point Pleasant leaves at 5:47 A.M. and arrives in Long Branch 33 minutes later. After waiting at the Long Branch station for 14 minutes, the train leaves for New York. The trip from Long Branch to New York takes 1 hour 20 minutes. What time does the train arrive in New York?

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**5.** The outside temperature at 7:00 A.M. was 42°F. The temperature rose 3 degrees each hour for 6 hours, and then stayed the same for the next 2 hours. The temperature then dropped 2 degrees each hour until the next morning. What was the 10:00 P.M. temperature?

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**2.** At 2 P.M., the outside temperature was 12°F higher than the inside temperature. At 7 P.M., the outside temperature was 7°F lower than the inside temperature. The inside temperature rose 2°F from 2 P.M. to 7 P.M. Describe the change in the outside temperature during that time period.

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**4.** Samuel walks to the store, shops for 32 minutes and then walks home. He leaves his house at 6:55 P.M. and gets home at 8:03 P.M. Samuel's walk to the store takes the same amount of time as his walk home. What time did Samuel leave the store?

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**6.** Brent runs at a speed of 12 miles per hour. He begins a 3-mile race at 7:20 A.M. What time will Brent finish the race?

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