

**Solve each problem.****Answers**

- 1) Faye made herself a cup of hot chocolate that was  $77^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $25^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 2) A news station reported that the current temperature was  $40^{\circ}\text{F}$ , but next week it would be  $36^{\circ}$  warmer. What temperature will it be next week?
- 3) A city in Alaska had a temperature of  $70^{\circ}\text{F}$  during the day, but at night the temperature dropped  $26^{\circ}$ . What temperature was it at night?
- 4) The instructions to cook a pizza say to set the oven at  $340^{\circ}\text{F}$ . If Carol set her oven at  $357^{\circ}\text{F}$ , how much warmer was her oven than the instructions said?
- 5) A desert in Africa had an average temperature last year of  $121^{\circ}\text{F}$ . If the average temperature this year was  $15^{\circ}$  warmer, what is the average temperature this year?
- 6) On Sunday it was  $75^{\circ}\text{F}$ . On Monday it was  $15^{\circ}$  warmer. What temperature was it on Monday?
- 7) Lana heated up a slice of pizza in the microwave. When she got the pizza out it was  $134^{\circ}\text{F}$ . If the microwave heated it up  $43^{\circ}$ , what temperature was it when she originally put the pizza in?
- 8) The average temperature for January was  $33^{\circ}\text{F}$ . The average temperature for February was  $47^{\circ}\text{F}$ . How much warmer was February than January?
- 9) When Emily went to the park at 2:30 PM it was  $72^{\circ}\text{F}$ . By the time she left it had gotten  $11^{\circ}$  cooler. What temperature was it when she left the park?
- 10) On Sunday it was  $53^{\circ}\text{F}$ . On Monday it was  $66^{\circ}\text{F}$ . How much did the temperature change between Sunday and Monday?

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**Answers**

1. 102°
2. 76°
3. 44°
4. 17°
5. 136°
6. 90°
7. 91°
8. 14°
9. 61°
10. 13°



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**Answers**

136°	91°	76°	13°	44°
90°	14°	102°	17°	61°

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