



Finding Temperature Changes

Name: _____

Solve each problem.

- 1) A scientist had a liquid that was 90°F . If he needed to heat it up another 13° for an experiment, what temperature was he trying to make the liquid?

- 2) Maria made herself a cup of hot chocolate that was 75°F . After she put it in the microwave the temperature rose 22° . What temperature was the hot chocolate after she heated it?

- 3) The temperature inside a store was 66°F . If the temperature outside the store was 14° warmer, what temperature was it outside?

- 4) A scientist had a liquid that was 61°F . If he needed it to be 73°F for an experiment, how much would he need to heat it up?

- 5) A news station reported that the current temperature was 91°F , but when the cold front came in later the temperature would drop 34° . What temperature will it be after the cold front hits?

- 6) The instructions to cook a pizza say to set the oven at 340°F . If Bianca set her oven at 355° F , how much warmer was her oven than the instructions said?

- 7) Debby set the thermostat in her house to 77°F , while the temperature outside was 89°F . How much cooler was Debby's house than the temperature outside?

- 8) Lana poured a glass of tea that was 97°F . After she added some ice cubes the temperature dropped 21° . What temperature was the tea after she added the ice?

- 9) Amy heated up a slice of pizza in the microwave. When she got the pizza out it was 144°F . If the microwave heated it up 36° , what temperature was it when she originally put the pizza in?

- 10) A rainforest in South America had an average temperature last year of 131°F . If the average temperature this year was 18° cooler, what is the average temperature this year?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Finding Temperature Changes

Name: **Answer Key**

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Answers

1. **103°**

2. **97°**

3. **80°**

4. **12°**

5. **57°**

6. **15°**

7. **12°**

8. **76°**

9. **108°**

10. **113°**



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Solve each problem.

113°

76°

80°

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57°

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Answers

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