

# Temperature Word Problems

Instruction: Solve each problem. Show each working in the boxes provided.

1) A news station reported that the current temperature was  $84^{\circ}\text{F}$ , but when the cold front came in later the temperature would drop  $37^{\circ}$ . What temperature will it be after the cold front hits?

$\text{ }^{\circ}\text{F}$

2) The instructions to cook a pizza say to set the oven at  $338^{\circ}\text{F}$ . If Vanessa set her oven  $18^{\circ}$  warmer than the instructions said, what temperature did she set her oven?

$\text{ }^{\circ}\text{F}$

3) Bianca poured a glass of tea that was  $87^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped to  $71^{\circ}\text{F}$ . How much did the ice cool down her tea?

$\text{ }^{\circ}\text{F}$

4) The temperature inside a store was  $72^{\circ}\text{F}$ , while the temperature outside the store was  $99^{\circ}\text{ F}$ . How much colder was it inside the store?

$\text{ }^{\circ}\text{F}$

5) Paige heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $55^{\circ}\text{F}$ . If the microwave heated it up  $37^{\circ}$ , what temperature was it when she took it out?

$\text{ }^{\circ}\text{F}$