| | Finding Temperature Changes Name: | | | |
|------|---|-------|-----------|--|
| Solv | | Answe | <u>rs</u> | |
| 1) | Vanessa measured the temperature of her soda and found that it was 104°F. After putting it | | | |
| | in her freezer for an hour it was 76°F. How much did the freezer cool her soda down? | 1. | | |
| | | | | |
| | | Z | | |
| 2) | Infrany made herself a cup of hot chocolate that was $/5^{\circ}F$. After she put it in the microwave the temperature rose 39° What temperature was the hot chocolate after she | 3. | | |
| | heated it? | | | |
| | | 4. | | |
| 3) | The temperature inside a store was 66° F, while the temperature outside the store was 96° | | | |
| | F. How much colder was it inside the store? | 5. | | |
| | | | | |
| | | 6. | | |
| 4) | A news station reported that the current temperature was 88°F, but when the cold front | | | |
| | came in later the temperature would drop 35°. What temperature will it be after the cold front hits? | 7. | | |
| | | 8 | | |
| 5) | When A maximum to the north of 2.20 DM it may 70° E. By the time she left it had gotten 10° | | | |
| 3) | cooler. What temperature was it when she left the park? | 9. | | |
| | 1 1 | | | |
| | | 10. | | |
| 6) | Katie set the thermostat in her house to 77°F, while the temperature outside was 96°F. | | | |
| | How much cooler was Katie's house then the temperature outside? | | | |
| | | | | |
| - | | | | |
| 7) | The temperature inside a freezer was 22°F. After the door was left open for an hour the temperature had risen 23° What temperature was it after the door was left open? | | | |
| | temperature had risen 25. What temperature was it after the door was left open. | | | |
| | | | | |
| 8) | Robin measured the temperature of her soda and found that it was 85°F. After putting it in | | | |
| | her freezer for an hour it cooled off 26°. What temperature was the soda after an hour? | | | |
| | | | | |
| | | | | |
| 9) | On Sunday it was 62°F. On Monday it was 15° warmer. What temperature was it on | | | |
| | wonday : | | | |
| | | | | |
| 10) | The temperature inside a truck was 89°F. After sitting in the sun for an hour the | | | |
| , | temperature rose to 109° F. How much did the truck warm up? | | | |
| | | | | |

| | Einding Temperature Changes | Answer Koy |
|------|--|--|
| Solv | e each problem. | Answers |
| 1) | Vanessa measured the temperature of her soda and found that it was 104°F. After putting in her freezer for an hour it was 76°F. How much did the freezer cool her soda down? | $\begin{array}{c c} & \underline{\mathbf{Answers}} \\ 1. & \underline{28^{\circ}} \end{array}$ |
| | | 2. 114 ° |
| 2) | Tiffany made herself a cup of hot chocolate that was 75°F. After she put it in the microwave the temperature rose 39°. What temperature was the hot chocolate after she heated it? | 3. <u>30</u> ° |
| | | 4. 53 ° |
| 3) | The temperature inside a store was 66° F, while the temperature outside the store was 96° F. How much colder was it inside the store? | 5. <u>69</u> ° |
| | | 6. 19 ° |
| 4) | A news station reported that the current temperature was 88°F, but when the cold front came in later the temperature would drop 35°. What temperature will it be after the cold | 7. 45 ° |
| | front hits? | 8. 59 ° |
| 5) | When Amy went to the park at 2:30 PM it was 79°F. By the time she left it had gotten 10 cooler. What temperature was it when she left the park? | 9. 77 ° |
| | | 10. 20 ° |
| 6) | Katie set the thermostat in her house to 77°F, while the temperature outside was 96°F. How much cooler was Katie's house then the temperature outside? | |
| 7) | The temperature inside a freezer was 22°F. After the door was left open for an hour the temperature had risen 23°. What temperature was it after the door was left open? | |
| 8) | Robin measured the temperature of her soda and found that it was 85°F. After putting it in her freezer for an hour it cooled off 26°. What temperature was the soda after an hour? | n |
| 9) | On Sunday it was 62°F. On Monday it was 15° warmer. What temperature was it on Monday? | |
| 10) | The temperature inside a truck was 89°F. After sitting in the sun for an hour the temperature rose to 109° F. How much did the truck warm up? | |

Math

| | | Finding | Temperature Ch | nanges | Name: | | |
|------------|---|---|--|--|--|-----------------|---------|
| Solv | e each problen |). | - | 0 | | | Answers |
| \frown | 770 | 100 | 15° | 11/0 | 500 | | |
| | 77 200 | 19 20° | 45 60° | 200 | 53° | 1 | |
| | 28 | 20 | 09 | 30 | | ^{1.} – | |
| 1) | Vanessa measu in her freezer f | ured the temperature for an hour it was 70 | e of her soda and f 5°F. How much die | ound that it was 10 d the freezer cool h | 4°F. After putting it er soda down? | 2 3. | |
| 2) | Tiffany made l microwave the heated it? | herself a cup of hot temperature rose 3 | chocolate that was 9°. What temperat | 5 75°F. After she pu ure was the hot cho | t it in the scolate after she | 4 | |
| 3) | The temperatu F. How much | re inside a store wa colder was it inside | s 66°F, while the to the store? | emperature outside | the store was 96° | 6. | |
| 4) | A news station came in later th front hits? | n reported that the cr he temperature wou | urrent temperature ld drop 35°. What | was 88°F, but whe temperature will it | n the cold front be after the cold | 7 8 | |
| 5) | When Amy we cooler. What to | ent to the park at 2:: emperature was it w | 30 PM it was 79°F when she left the pa | . By the time she le wrk? | ft it had gotten 10° | 9 10 | |
| 6) | Katie set the the the How much coo | nermostat in her hou oler was Katie's hou | use to 77°F, while the temper | the temperature out ature outside? | side was 96°F. | | |
| 7) | The temperatu temperature ha | re inside a freezer w ad risen 23°. What t | vas 22°F. After the emperature was it | e door was left open after the door was l | for an hour the eft open? | | |
| 8) | Robin measure her freezer for | ed the temperature of an hour it cooled of | of her soda and fou ff 26°. What tempe | nd that it was 85°F erature was the soda | . After putting it in a after an hour? | | |
| 9) | On Sunday it v Monday? | was 62°F. On Mond | ay it was 15° warr | ner. What temperat | ure was it on | | |
| 10) | The temperatu temperature ro | re inside a truck wa se to 109° F. How 1 | s 89°F. After sittir nuch did the truck | ng in the sun for an warm up? | hour the | | |

Math