

**Convert the temperatures to Celsius.**

$77^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

First take 32 from the temperature.

$77^{\circ} - 32 = 45^{\circ}$

Next multiply your answer by 5.

$45^{\circ} \times 5 = 225^{\circ}$

Finally divide the temperature by 9.

$225^{\circ} \div 9 = 25^{\circ}$

$77^{\circ}\text{F} = \underline{25}^{\circ}\text{C}$

1)  $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

2)  $140^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

3)  $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4)  $50^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5)  $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6)  $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7)  $212^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8)  $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9)  $185^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10)  $167^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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**Answers**

1. **70**

2. **60**

3. **95**

4. **10**

5. **80**

6. **65**

7. **100**

8. **20**

9. **85**

10. **75**

1)  $158^{\circ}\text{F} = \underline{70}^{\circ}\text{C}$      $158 - 32 = 126$      $126 \times 5 = 630$      $630 \div 9 = 70$

2)  $140^{\circ}\text{F} = \underline{60}^{\circ}\text{C}$      $140 - 32 = 108$      $108 \times 5 = 540$      $540 \div 9 = 60$

3)  $203^{\circ}\text{F} = \underline{95}^{\circ}\text{C}$      $203 - 32 = 171$      $171 \times 5 = 855$      $855 \div 9 = 95$

4)  $50^{\circ}\text{F} = \underline{10}^{\circ}\text{C}$      $50 - 32 = 18$      $18 \times 5 = 90$      $90 \div 9 = 10$

5)  $176^{\circ}\text{F} = \underline{80}^{\circ}\text{C}$      $176 - 32 = 144$      $144 \times 5 = 720$      $720 \div 9 = 80$

6)  $149^{\circ}\text{F} = \underline{65}^{\circ}\text{C}$      $149 - 32 = 117$      $117 \times 5 = 585$      $585 \div 9 = 65$

7)  $212^{\circ}\text{F} = \underline{100}^{\circ}\text{C}$      $212 - 32 = 180$      $180 \times 5 = 900$      $900 \div 9 = 100$

8)  $68^{\circ}\text{F} = \underline{20}^{\circ}\text{C}$      $68 - 32 = 36$      $36 \times 5 = 180$      $180 \div 9 = 20$

9)  $185^{\circ}\text{F} = \underline{85}^{\circ}\text{C}$      $185 - 32 = 153$      $153 \times 5 = 765$      $765 \div 9 = 85$

10)  $167^{\circ}\text{F} = \underline{75}^{\circ}\text{C}$      $167 - 32 = 135$      $135 \times 5 = 675$      $675 \div 9 = 75$