

**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)  $59^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

3)  $185^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4)  $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5)  $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6)  $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7)  $194^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8)  $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9)  $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10)  $95^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



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

Finally divide the temperature by 9.

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

77°F = 25 °C

**Answers**

1) 59° F = 15 °C      $59 - 32 = 27$       $27 \times 5 = 135$       $135 \div 9 = 15$

2) 140° F = 60 °C      $140 - 32 = 108$       $108 \times 5 = 540$       $540 \div 9 = 60$

3) 185° F = 85 °C      $185 - 32 = 153$       $153 \times 5 = 765$       $765 \div 9 = 85$

4) 149° F = 65 °C      $149 - 32 = 117$       $117 \times 5 = 585$       $585 \div 9 = 65$

5) 158° F = 70 °C      $158 - 32 = 126$       $126 \times 5 = 630$       $630 \div 9 = 70$

6) 68° F = 20 °C      $68 - 32 = 36$       $36 \times 5 = 180$       $180 \div 9 = 20$

7) 194° F = 90 °C      $194 - 32 = 162$       $162 \times 5 = 810$       $810 \div 9 = 90$

8) 203° F = 95 °C      $203 - 32 = 171$       $171 \times 5 = 855$       $855 \div 9 = 95$

9) 176° F = 80 °C      $176 - 32 = 144$       $144 \times 5 = 720$       $720 \div 9 = 80$

10) 95° F = 35 °C      $95 - 32 = 63$       $63 \times 5 = 315$       $315 \div 9 = 35$

1. 15°
2. 60°
3. 85°
4. 65°
5. 70°
6. 20°
7. 90°
8. 95°
9. 80°
10. 35°