

**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)  $131^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

3)  $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4)  $104^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5)  $59^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6)  $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7)  $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8)  $122^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

10)  $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

**Answers**

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

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

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

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

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

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

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

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

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

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



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77°F = 25 °C

**Answers**

1. 70°

2. 55°

3. 20°

4. 40°

5. 15°

6. 80°

7. 65°

8. 50°

9. 85°

10. 95°

1) 158° F = 70 °C      $158 - 32 = 126$       $126 \times 5 = 630$       $630 \div 9 = 70$

2) 131° F = 55 °C      $131 - 32 = 99$       $99 \times 5 = 495$       $495 \div 9 = 55$

3) 68° F = 20 °C      $68 - 32 = 36$       $36 \times 5 = 180$       $180 \div 9 = 20$

4) 104° F = 40 °C      $104 - 32 = 72$       $72 \times 5 = 360$       $360 \div 9 = 40$

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

6) 176° F = 80 °C      $176 - 32 = 144$       $144 \times 5 = 720$       $720 \div 9 = 80$

7) 149° F = 65 °C      $149 - 32 = 117$       $117 \times 5 = 585$       $585 \div 9 = 65$

8) 122° F = 50 °C      $122 - 32 = 90$       $90 \times 5 = 450$       $450 \div 9 = 50$

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

10) 203° F = 95 °C      $203 - 32 = 171$       $171 \times 5 = 855$       $855 \div 9 = 95$