

**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)  $50^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

2)  $212^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

3)  $68^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

4)  $140^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

5)  $104^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

6)  $131^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

7)  $95^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

8)  $203^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

9)  $86^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

10)  $176^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

**Answers**

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

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

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

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

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

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

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

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

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

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



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Finally divide the temperature by 9.

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77°F = 25 °C

**Answers**

1) 50° F = 10 °C      $50 - 32 = 18$       $18 \times 5 = 90$       $90 \div 9 = 10$

2) 212° F = 100 °C      $212 - 32 = 180$       $180 \times 5 = 900$       $900 \div 9 = 100$

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

4) 140° F = 60 °C      $140 - 32 = 108$       $108 \times 5 = 540$       $540 \div 9 = 60$

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

6) 131° F = 55 °C      $131 - 32 = 99$       $99 \times 5 = 495$       $495 \div 9 = 55$

7) 95° F = 35 °C      $95 - 32 = 63$       $63 \times 5 = 315$       $315 \div 9 = 35$

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

9) 86° F = 30 °C      $86 - 32 = 54$       $54 \times 5 = 270$       $270 \div 9 = 30$

10) 176° F = 80 °C      $176 - 32 = 144$       $144 \times 5 = 720$       $720 \div 9 = 80$

- 1. 10°
- 2. 100°
- 3. 20°
- 4. 60°
- 5. 40°
- 6. 55°
- 7. 35°
- 8. 95°
- 9. 30°
- 10. 80°