

**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)  $59^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

2)  $194^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

3)  $95^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

4)  $86^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

5)  $131^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

6)  $140^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

7)  $185^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

8)  $212^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

9)  $167^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

10)  $68^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

**Answers**

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

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

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

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

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

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

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

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

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

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



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**Answers**

1)  $59^{\circ}\text{F} = \underline{15}^{\circ}\text{C}$       $59 - 32 = 27$       $27 \times 5 = 135$       $135 \div 9 = 15$

2)  $194^{\circ}\text{F} = \underline{90}^{\circ}\text{C}$       $194 - 32 = 162$       $162 \times 5 = 810$       $810 \div 9 = 90$

3)  $95^{\circ}\text{F} = \underline{35}^{\circ}\text{C}$       $95 - 32 = 63$       $63 \times 5 = 315$       $315 \div 9 = 35$

4)  $86^{\circ}\text{F} = \underline{30}^{\circ}\text{C}$       $86 - 32 = 54$       $54 \times 5 = 270$       $270 \div 9 = 30$

5)  $131^{\circ}\text{F} = \underline{55}^{\circ}\text{C}$       $131 - 32 = 99$       $99 \times 5 = 495$       $495 \div 9 = 55$

6)  $140^{\circ}\text{F} = \underline{60}^{\circ}\text{C}$       $140 - 32 = 108$       $108 \times 5 = 540$       $540 \div 9 = 60$

7)  $185^{\circ}\text{F} = \underline{85}^{\circ}\text{C}$       $185 - 32 = 153$       $153 \times 5 = 765$       $765 \div 9 = 85$

8)  $212^{\circ}\text{F} = \underline{100}^{\circ}\text{C}$       $212 - 32 = 180$       $180 \times 5 = 900$       $900 \div 9 = 100$

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

10)  $68^{\circ}\text{F} = \underline{20}^{\circ}\text{C}$       $68 - 32 = 36$       $36 \times 5 = 180$       $180 \div 9 = 20$

1. 15°
2. 90°
3. 35°
4. 30°
5. 55°
6. 60°
7. 85°
8. 100°
9. 75°
10. 20°