

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

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

3)  $59^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4)  $212^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5)  $185^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6)  $122^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7)  $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8)  $194^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9)  $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10)  $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

**Answers**

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

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

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

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

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

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

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

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

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

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



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**Answers**

1. 25°

2. 35°

3. 15°

4. 100°

5. 85°

6. 50°

7. 95°

8. 90°

9. 70°

10. 65°

1)  $77^{\circ}\text{F} = \underline{25}^{\circ}\text{C}$       $77 - 32 = 45$       $45 \times 5 = 225$       $225 \div 9 = 25$

2)  $95^{\circ}\text{F} = \underline{35}^{\circ}\text{C}$       $95 - 32 = 63$       $63 \times 5 = 315$       $315 \div 9 = 35$

3)  $59^{\circ}\text{F} = \underline{15}^{\circ}\text{C}$       $59 - 32 = 27$       $27 \times 5 = 135$       $135 \div 9 = 15$

4)  $212^{\circ}\text{F} = \underline{100}^{\circ}\text{C}$       $212 - 32 = 180$       $180 \times 5 = 900$       $900 \div 9 = 100$

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

6)  $122^{\circ}\text{F} = \underline{50}^{\circ}\text{C}$       $122 - 32 = 90$       $90 \times 5 = 450$       $450 \div 9 = 50$

7)  $203^{\circ}\text{F} = \underline{95}^{\circ}\text{C}$       $203 - 32 = 171$       $171 \times 5 = 855$       $855 \div 9 = 95$

8)  $194^{\circ}\text{F} = \underline{90}^{\circ}\text{C}$       $194 - 32 = 162$       $162 \times 5 = 810$       $810 \div 9 = 90$

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

10)  $149^{\circ}\text{F} = \underline{65}^{\circ}\text{C}$       $149 - 32 = 117$       $117 \times 5 = 585$       $585 \div 9 = 65$