

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

2)  $50^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

3)  $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4)  $77^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5)  $113^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6)  $95^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7)  $212^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8)  $140^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9)  $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10)  $86^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

**Answers**

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

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

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

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

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

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

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

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

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

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



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77°F = 25 °C

**Answers**

1)  $185^\circ \text{ F} = \underline{85}^\circ \text{ C}$       $185 - 32 = 153$       $153 \times 5 = 765$       $765 \div 9 = 85$

2)  $50^\circ \text{ F} = \underline{10}^\circ \text{ C}$       $50 - 32 = 18$       $18 \times 5 = 90$       $90 \div 9 = 10$

3)  $149^\circ \text{ F} = \underline{65}^\circ \text{ C}$       $149 - 32 = 117$       $117 \times 5 = 585$       $585 \div 9 = 65$

4)  $77^\circ \text{ F} = \underline{25}^\circ \text{ C}$       $77 - 32 = 45$       $45 \times 5 = 225$       $225 \div 9 = 25$

5)  $113^\circ \text{ F} = \underline{45}^\circ \text{ C}$       $113 - 32 = 81$       $81 \times 5 = 405$       $405 \div 9 = 45$

6)  $95^\circ \text{ F} = \underline{35}^\circ \text{ C}$       $95 - 32 = 63$       $63 \times 5 = 315$       $315 \div 9 = 35$

7)  $212^\circ \text{ F} = \underline{100}^\circ \text{ C}$       $212 - 32 = 180$       $180 \times 5 = 900$       $900 \div 9 = 100$

8)  $140^\circ \text{ F} = \underline{60}^\circ \text{ C}$       $140 - 32 = 108$       $108 \times 5 = 540$       $540 \div 9 = 60$

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

10)  $86^\circ \text{ F} = \underline{30}^\circ \text{ C}$       $86 - 32 = 54$       $54 \times 5 = 270$       $270 \div 9 = 30$

1. 85°
2. 10°
3. 65°
4. 25°
5. 45°
6. 35°
7. 100°
8. 60°
9. 20°
10. 30°