

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

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

3)  $95^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4)  $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5)  $167^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6)  $86^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7)  $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8)  $212^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9)  $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10)  $77^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

**Answers**

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

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

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

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

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

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

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

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

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

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



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77°F = 25 °C

**Answers**

1)  $176^\circ \text{ F} = \underline{80}^\circ \text{ C}$      $176 - 32 = 144$      $144 \times 5 = 720$      $720 \div 9 = 80$

2)  $149^\circ \text{ F} = \underline{65}^\circ \text{ C}$      $149 - 32 = 117$      $117 \times 5 = 585$      $585 \div 9 = 65$

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

4)  $158^\circ \text{ F} = \underline{70}^\circ \text{ C}$      $158 - 32 = 126$      $126 \times 5 = 630$      $630 \div 9 = 70$

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

6)  $86^\circ \text{ F} = \underline{30}^\circ \text{ C}$      $86 - 32 = 54$      $54 \times 5 = 270$      $270 \div 9 = 30$

7)  $68^\circ \text{ F} = \underline{20}^\circ \text{ C}$      $68 - 32 = 36$      $36 \times 5 = 180$      $180 \div 9 = 20$

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

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

10)  $77^\circ \text{ F} = \underline{25}^\circ \text{ C}$      $77 - 32 = 45$      $45 \times 5 = 225$      $225 \div 9 = 25$

1. 80°

2. 65°

3. 35°

4. 70°

5. 75°

6. 30°

7. 20°

8. 100°

9. 95°

10. 25°