

**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.

$225^{\circ} \div 9 = 25^{\circ}$

$77^{\circ}\text{F} = \underline{\hspace{1cm}25\hspace{1cm}}^{\circ}\text{C}$

1)  $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

2)  $131^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

3)  $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4)  $104^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5)  $59^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6)  $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7)  $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8)  $122^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9)  $185^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10)  $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

**Answers**

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

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

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

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

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

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

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

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

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

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



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77°F = 25 °C

**Answers**

1)  $158^\circ \text{ F} = \underline{70}^\circ \text{ C}$       $158 - 32 = 126$       $126 \times 5 = 630$       $630 \div 9 = 70$

2)  $131^\circ \text{ F} = \underline{55}^\circ \text{ C}$       $131 - 32 = 99$       $99 \times 5 = 495$       $495 \div 9 = 55$

3)  $68^\circ \text{ F} = \underline{20}^\circ \text{ C}$       $68 - 32 = 36$       $36 \times 5 = 180$       $180 \div 9 = 20$

4)  $104^\circ \text{ F} = \underline{40}^\circ \text{ C}$       $104 - 32 = 72$       $72 \times 5 = 360$       $360 \div 9 = 40$

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

6)  $176^\circ \text{ F} = \underline{80}^\circ \text{ C}$       $176 - 32 = 144$       $144 \times 5 = 720$       $720 \div 9 = 80$

7)  $149^\circ \text{ F} = \underline{65}^\circ \text{ C}$       $149 - 32 = 117$       $117 \times 5 = 585$       $585 \div 9 = 65$

8)  $122^\circ \text{ F} = \underline{50}^\circ \text{ C}$       $122 - 32 = 90$       $90 \times 5 = 450$       $450 \div 9 = 50$

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

10)  $203^\circ \text{ F} = \underline{95}^\circ \text{ C}$       $203 - 32 = 171$       $171 \times 5 = 855$       $855 \div 9 = 95$

1. 70°
2. 55°
3. 20°
4. 40°
5. 15°
6. 80°
7. 65°
8. 50°
9. 85°
10. 95°