

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

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°