

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

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

3) $185^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4) $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7) $194^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8) $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9) $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $95^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

Answers

1) $59^{\circ}\text{F} = \underline{15}^{\circ}\text{C}$ $59 - 32 = 27$ $27 \times 5 = 135$ $135 \div 9 = 15$

2) $140^{\circ}\text{F} = \underline{60}^{\circ}\text{C}$ $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$

3) $185^{\circ}\text{F} = \underline{85}^{\circ}\text{C}$ $185 - 32 = 153$ $153 \times 5 = 765$ $765 \div 9 = 85$

4) $149^{\circ}\text{F} = \underline{65}^{\circ}\text{C}$ $149 - 32 = 117$ $117 \times 5 = 585$ $585 \div 9 = 65$

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

6) $68^{\circ}\text{F} = \underline{20}^{\circ}\text{C}$ $68 - 32 = 36$ $36 \times 5 = 180$ $180 \div 9 = 20$

7) $194^{\circ}\text{F} = \underline{90}^{\circ}\text{C}$ $194 - 32 = 162$ $162 \times 5 = 810$ $810 \div 9 = 90$

8) $203^{\circ}\text{F} = \underline{95}^{\circ}\text{C}$ $203 - 32 = 171$ $171 \times 5 = 855$ $855 \div 9 = 95$

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

10) $95^{\circ}\text{F} = \underline{35}^{\circ}\text{C}$ $95 - 32 = 63$ $63 \times 5 = 315$ $315 \div 9 = 35$

1. $\underline{15^{\circ}}$
2. $\underline{60^{\circ}}$
3. $\underline{85^{\circ}}$
4. $\underline{65^{\circ}}$
5. $\underline{70^{\circ}}$
6. $\underline{20^{\circ}}$
7. $\underline{90^{\circ}}$
8. $\underline{95^{\circ}}$
9. $\underline{80^{\circ}}$
10. $\underline{35^{\circ}}$