

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

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

4) $86^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $131^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $140^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7) $185^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

9) $167^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

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

4) $86^{\circ}\text{F} = \underline{30}^{\circ}\text{C}$ $86 - 32 = 54$ $54 \times 5 = 270$ $270 \div 9 = 30$

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

6) $140^{\circ}\text{F} = \underline{60}^{\circ}\text{C}$ $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$

7) $185^{\circ}\text{F} = \underline{85}^{\circ}\text{C}$ $185 - 32 = 153$ $153 \times 5 = 765$ $765 \div 9 = 85$

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

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

10) $68^{\circ}\text{F} = \underline{20}^{\circ}\text{C}$ $68 - 32 = 36$ $36 \times 5 = 180$ $180 \div 9 = 20$

1. 15°
2. 90°
3. 35°
4. 30°
5. 55°
6. 60°
7. 85°
8. 100°
9. 75°
10. 20°