

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

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. _____



Convert the temperatures to Celsius.

77°F = _____ °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°F = 25 °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°