

**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. _____



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First take 32 from the temperature.

$77^\circ - 32 = 45^\circ$

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Finally divide the temperature by 9.

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

77°F = 25 °C

Answers

1) 59° F = 15 °C $59 - 32 = 27$ $27 \times 5 = 135$ $135 \div 9 = 15$

2) 194° F = 90 °C $194 - 32 = 162$ $162 \times 5 = 810$ $810 \div 9 = 90$

3) 95° F = 35 °C $95 - 32 = 63$ $63 \times 5 = 315$ $315 \div 9 = 35$

4) 86° F = 30 °C $86 - 32 = 54$ $54 \times 5 = 270$ $270 \div 9 = 30$

5) 131° F = 55 °C $131 - 32 = 99$ $99 \times 5 = 495$ $495 \div 9 = 55$

6) 140° F = 60 °C $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$

7) 185° F = 85 °C $185 - 32 = 153$ $153 \times 5 = 765$ $765 \div 9 = 85$

8) 212° F = 100 °C $212 - 32 = 180$ $180 \times 5 = 900$ $900 \div 9 = 100$

9) 167° F = 75 °C $167 - 32 = 135$ $135 \times 5 = 675$ $675 \div 9 = 75$

10) 68° F = 20 °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°