

**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) $122^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

3) $212^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4) $185^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $86^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $50^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7) $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8) $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9) $194^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $167^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

**Convert the temperatures to Celsius.**

$77^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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.

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

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

Answers

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

2) $122^{\circ}\text{F} = \underline{50}^{\circ}\text{C}$ $122 - 32 = 90$ $90 \times 5 = 450$ $450 \div 9 = 50$

3) $212^{\circ}\text{F} = \underline{100}^{\circ}\text{C}$ $212 - 32 = 180$ $180 \times 5 = 900$ $900 \div 9 = 100$

4) $185^{\circ}\text{F} = \underline{85}^{\circ}\text{C}$ $185 - 32 = 153$ $153 \times 5 = 765$ $765 \div 9 = 85$

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

6) $50^{\circ}\text{F} = \underline{10}^{\circ}\text{C}$ $50 - 32 = 18$ $18 \times 5 = 90$ $90 \div 9 = 10$

7) $176^{\circ}\text{F} = \underline{80}^{\circ}\text{C}$ $176 - 32 = 144$ $144 \times 5 = 720$ $720 \div 9 = 80$

8) $158^{\circ}\text{F} = \underline{70}^{\circ}\text{C}$ $158 - 32 = 126$ $126 \times 5 = 630$ $630 \div 9 = 70$

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

10) $167^{\circ}\text{F} = \underline{75}^{\circ}\text{C}$ $167 - 32 = 135$ $135 \times 5 = 675$ $675 \div 9 = 75$

1. $\underline{15^{\circ}}$
2. $\underline{50^{\circ}}$
3. $\underline{100^{\circ}}$
4. $\underline{85^{\circ}}$
5. $\underline{30^{\circ}}$
6. $\underline{10^{\circ}}$
7. $\underline{80^{\circ}}$
8. $\underline{70^{\circ}}$
9. $\underline{90^{\circ}}$
10. $\underline{75^{\circ}}$