

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

2) $113^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

3) $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4) $95^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $50^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

7) $212^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8) $59^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9) $104^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

2) $113^\circ \text{ F} = \underline{45}^\circ \text{ C}$ $113 - 32 = 81$ $81 \times 5 = 405$ $405 \div 9 = 45$

3) $158^\circ \text{ F} = \underline{70}^\circ \text{ C}$ $158 - 32 = 126$ $126 \times 5 = 630$ $630 \div 9 = 70$

4) $95^\circ \text{ F} = \underline{35}^\circ \text{ C}$ $95 - 32 = 63$ $63 \times 5 = 315$ $315 \div 9 = 35$

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

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

7) $212^\circ \text{ F} = \underline{100}^\circ \text{ C}$ $212 - 32 = 180$ $180 \times 5 = 900$ $900 \div 9 = 100$

8) $59^\circ \text{ F} = \underline{15}^\circ \text{ C}$ $59 - 32 = 27$ $27 \times 5 = 135$ $135 \div 9 = 15$

9) $104^\circ \text{ F} = \underline{40}^\circ \text{ C}$ $104 - 32 = 72$ $72 \times 5 = 360$ $360 \div 9 = 40$

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

1. 85°

2. 45°

3. 70°

4. 35°

5. 10°

6. 60°

7. 100°

8. 15°

9. 40°

10. 20°