

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

3) $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4) $77^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $113^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $95^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

8) $140^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9) $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $86^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



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77°F = _____ °C

First take 32 from the temperature.

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

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

77°F = 25 °C

Answers

1. 85°

2. 10°

3. 65°

4. 25°

5. 45°

6. 35°

7. 100°

8. 60°

9. 20°

10. 30°

1) $185^\circ \text{ F} = \underline{85}^\circ \text{ C}$ $185 - 32 = 153$ $153 \times 5 = 765$ $765 \div 9 = 85$

2) $50^\circ \text{ F} = \underline{10}^\circ \text{ C}$ $50 - 32 = 18$ $18 \times 5 = 90$ $90 \div 9 = 10$

3) $149^\circ \text{ F} = \underline{65}^\circ \text{ C}$ $149 - 32 = 117$ $117 \times 5 = 585$ $585 \div 9 = 65$

4) $77^\circ \text{ F} = \underline{25}^\circ \text{ C}$ $77 - 32 = 45$ $45 \times 5 = 225$ $225 \div 9 = 25$

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

6) $95^\circ \text{ F} = \underline{35}^\circ \text{ C}$ $95 - 32 = 63$ $63 \times 5 = 315$ $315 \div 9 = 35$

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

8) $140^\circ \text{ F} = \underline{60}^\circ \text{ C}$ $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$

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

10) $86^\circ \text{ F} = \underline{30}^\circ \text{ C}$ $86 - 32 = 54$ $54 \times 5 = 270$ $270 \div 9 = 30$