

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

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

3) $77^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4) $86^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

6) $59^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7) $113^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

9) $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $104^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Converting Fahrenheit To Celsius

Name: **Answer Key**

Convert the temperatures to Celsius.

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First take 32 from the temperature.

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

Next multiply your answer by 5.

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

Answers

1. 100

2. 50

3. 25

4. 30

5. 10

6. 15

7. 45

8. 70

9. 65

10. 40

1) $212^{\circ}\text{F} = \underline{100}^{\circ}\text{C}$ $212 - 32 = 180$ $180 \times 5 = 900$ $900 \div 9 = 100$

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

3) $77^{\circ}\text{F} = \underline{25}^{\circ}\text{C}$ $77 - 32 = 45$ $45 \times 5 = 225$ $225 \div 9 = 25$

4) $86^{\circ}\text{F} = \underline{30}^{\circ}\text{C}$ $86 - 32 = 54$ $54 \times 5 = 270$ $270 \div 9 = 30$

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

6) $59^{\circ}\text{F} = \underline{15}^{\circ}\text{C}$ $59 - 32 = 27$ $27 \times 5 = 135$ $135 \div 9 = 15$

7) $113^{\circ}\text{F} = \underline{45}^{\circ}\text{C}$ $113 - 32 = 81$ $81 \times 5 = 405$ $405 \div 9 = 45$

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

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

10) $104^{\circ}\text{F} = \underline{40}^{\circ}\text{C}$ $104 - 32 = 72$ $72 \times 5 = 360$ $360 \div 9 = 40$