

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

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

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

4) $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $131^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $77^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7) $50^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8) $185^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9) $86^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

Next multiply your answer by 5.

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

Answers

1. 20

2. 45

3. 100

4. 80

5. 55

6. 25

7. 10

8. 85

9. 30

10. 70

1) $68^{\circ}\text{F} = \underline{20}^{\circ}\text{C}$ $68 - 32 = 36$ $36 \times 5 = 180$ $180 \div 9 = 20$

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

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

4) $176^{\circ}\text{F} = \underline{80}^{\circ}\text{C}$ $176 - 32 = 144$ $144 \times 5 = 720$ $720 \div 9 = 80$

5) $131^{\circ}\text{F} = \underline{55}^{\circ}\text{C}$ $131 - 32 = 99$ $99 \times 5 = 495$ $495 \div 9 = 55$

6) $77^{\circ}\text{F} = \underline{25}^{\circ}\text{C}$ $77 - 32 = 45$ $45 \times 5 = 225$ $225 \div 9 = 25$

7) $50^{\circ}\text{F} = \underline{10}^{\circ}\text{C}$ $50 - 32 = 18$ $18 \times 5 = 90$ $90 \div 9 = 10$

8) $185^{\circ}\text{F} = \underline{85}^{\circ}\text{C}$ $185 - 32 = 153$ $153 \times 5 = 765$ $765 \div 9 = 85$

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

10) $158^{\circ}\text{F} = \underline{70}^{\circ}\text{C}$ $158 - 32 = 126$ $126 \times 5 = 630$ $630 \div 9 = 70$