

**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) $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

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

4) $131^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

8) $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

10) $140^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Answers

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



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Answers

1. 95
2. 80
3. 100
4. 55
5. 20
6. 70
7. 45
8. 65
9. 30
10. 60

1) $203^{\circ}\text{F} = \underline{95}^{\circ}\text{C}$ $203 - 32 = 171$ $171 \times 5 = 855$ $855 \div 9 = 95$

2) $176^{\circ}\text{F} = \underline{80}^{\circ}\text{C}$ $176 - 32 = 144$ $144 \times 5 = 720$ $720 \div 9 = 80$

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

4) $131^{\circ}\text{F} = \underline{55}^{\circ}\text{C}$ $131 - 32 = 99$ $99 \times 5 = 495$ $495 \div 9 = 55$

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

6) $158^{\circ}\text{F} = \underline{70}^{\circ}\text{C}$ $158 - 32 = 126$ $126 \times 5 = 630$ $630 \div 9 = 70$

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

8) $149^{\circ}\text{F} = \underline{65}^{\circ}\text{C}$ $149 - 32 = 117$ $117 \times 5 = 585$ $585 \div 9 = 65$

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

10) $140^{\circ}\text{F} = \underline{60}^{\circ}\text{C}$ $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$