

**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.

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

$$77^{\circ}\text{F} = \underline{\hspace{1cm}25\hspace{1cm}}^{\circ}\text{C}$$

1) $140^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

3) $113^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4) $104^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $86^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7) $167^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8) $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9) $194^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

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

Answers

1. $\underline{60^{\circ}}$

2. $\underline{85^{\circ}}$

3. $\underline{45^{\circ}}$

4. $\underline{40^{\circ}}$

5. $\underline{65^{\circ}}$

6. $\underline{30^{\circ}}$

7. $\underline{75^{\circ}}$

8. $\underline{80^{\circ}}$

9. $\underline{90^{\circ}}$

10. $\underline{20^{\circ}}$

1) $140^{\circ}\text{F} = \underline{60}^{\circ}\text{C}$ $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$

2) $185^{\circ}\text{F} = \underline{85}^{\circ}\text{C}$ $185 - 32 = 153$ $153 \times 5 = 765$ $765 \div 9 = 85$

3) $113^{\circ}\text{F} = \underline{45}^{\circ}\text{C}$ $113 - 32 = 81$ $81 \times 5 = 405$ $405 \div 9 = 45$

4) $104^{\circ}\text{F} = \underline{40}^{\circ}\text{C}$ $104 - 32 = 72$ $72 \times 5 = 360$ $360 \div 9 = 40$

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

6) $86^{\circ}\text{F} = \underline{30}^{\circ}\text{C}$ $86 - 32 = 54$ $54 \times 5 = 270$ $270 \div 9 = 30$

7) $167^{\circ}\text{F} = \underline{75}^{\circ}\text{C}$ $167 - 32 = 135$ $135 \times 5 = 675$ $675 \div 9 = 75$

8) $176^{\circ}\text{F} = \underline{80}^{\circ}\text{C}$ $176 - 32 = 144$ $144 \times 5 = 720$ $720 \div 9 = 80$

9) $194^{\circ}\text{F} = \underline{90}^{\circ}\text{C}$ $194 - 32 = 162$ $162 \times 5 = 810$ $810 \div 9 = 90$

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