

**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°F = 25 °C

Answers

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

1. 60°

2. 85°

3. 45°

4. 40°

5. 65°

6. 30°

7. 75°

8. 80°

9. 90°

10. 20°