

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

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

3) $185^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4) $149^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7) $194^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8) $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9) $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $95^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



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First take 32 from the temperature.

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

77°F = 25 °C

Answers

1) 59° F = 15 °C $59 - 32 = 27$ $27 \times 5 = 135$ $135 \div 9 = 15$

2) 140° F = 60 °C $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$

3) 185° F = 85 °C $185 - 32 = 153$ $153 \times 5 = 765$ $765 \div 9 = 85$

4) 149° F = 65 °C $149 - 32 = 117$ $117 \times 5 = 585$ $585 \div 9 = 65$

5) 158° F = 70 °C $158 - 32 = 126$ $126 \times 5 = 630$ $630 \div 9 = 70$

6) 68° F = 20 °C $68 - 32 = 36$ $36 \times 5 = 180$ $180 \div 9 = 20$

7) 194° F = 90 °C $194 - 32 = 162$ $162 \times 5 = 810$ $810 \div 9 = 90$

8) 203° F = 95 °C $203 - 32 = 171$ $171 \times 5 = 855$ $855 \div 9 = 95$

9) 176° F = 80 °C $176 - 32 = 144$ $144 \times 5 = 720$ $720 \div 9 = 80$

10) 95° F = 35 °C $95 - 32 = 63$ $63 \times 5 = 315$ $315 \div 9 = 35$

1. 15°
2. 60°
3. 85°
4. 65°
5. 70°
6. 20°
7. 90°
8. 95°
9. 80°
10. 35°