

**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.

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

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1) $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

3) $95^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4) $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $167^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

7) $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8) $212^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9) $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $77^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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Answers

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

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

3. $\underline{35^{\circ}}$

4. $\underline{70^{\circ}}$

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

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

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

8. $\underline{100^{\circ}}$

9. $\underline{95^{\circ}}$

10. $\underline{25^{\circ}}$

3) $176^{\circ}\text{F} = \underline{80}^{\circ}\text{C}$ $176 - 32 = 144$ $144 \times 5 = 720$ $720 \div 9 = 80$

2) $149^{\circ}\text{F} = \underline{65}^{\circ}\text{C}$ $149 - 32 = 117$ $117 \times 5 = 585$ $585 \div 9 = 65$

3) $95^{\circ}\text{F} = \underline{35}^{\circ}\text{C}$ $95 - 32 = 63$ $63 \times 5 = 315$ $315 \div 9 = 35$

4) $158^{\circ}\text{F} = \underline{70}^{\circ}\text{C}$ $158 - 32 = 126$ $126 \times 5 = 630$ $630 \div 9 = 70$

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

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

7) $68^{\circ}\text{F} = \underline{20}^{\circ}\text{C}$ $68 - 32 = 36$ $36 \times 5 = 180$ $180 \div 9 = 20$

8) $212^{\circ}\text{F} = \underline{100}^{\circ}\text{C}$ $212 - 32 = 180$ $180 \times 5 = 900$ $900 \div 9 = 100$

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

10) $77^{\circ}\text{F} = \underline{25}^{\circ}\text{C}$ $77 - 32 = 45$ $45 \times 5 = 225$ $225 \div 9 = 25$