

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

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



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77°F = _____ °C

First take 32 from the temperature.

$77^\circ - 32 = 45^\circ$

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

77°F = 25 °C

Answers

1. 80°

2. 65°

3. 35°

4. 70°

5. 75°

6. 30°

7. 20°

8. 100°

9. 95°

10. 25°

1) $176^\circ \text{ F} = \underline{80}^\circ \text{ C}$ $176 - 32 = 144$ $144 \times 5 = 720$ $720 \div 9 = 80$

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