

**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) $59^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

2) $122^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

3) $212^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

4) $185^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

5) $86^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

6) $50^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

7) $176^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

8) $158^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

9) $194^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

10) $167^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

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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$45^\circ \times 5 = 225^\circ$

Finally divide the temperature by 9.

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

77°F = 25 °C

Answers

1) $59^\circ \text{ F} = \underline{15}^\circ \text{ C}$ $59 - 32 = 27$ $27 \times 5 = 135$ $135 \div 9 = 15$

2) $122^\circ \text{ F} = \underline{50}^\circ \text{ C}$ $122 - 32 = 90$ $90 \times 5 = 450$ $450 \div 9 = 50$

3) $212^\circ \text{ F} = \underline{100}^\circ \text{ C}$ $212 - 32 = 180$ $180 \times 5 = 900$ $900 \div 9 = 100$

4) $185^\circ \text{ F} = \underline{85}^\circ \text{ C}$ $185 - 32 = 153$ $153 \times 5 = 765$ $765 \div 9 = 85$

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

6) $50^\circ \text{ F} = \underline{10}^\circ \text{ C}$ $50 - 32 = 18$ $18 \times 5 = 90$ $90 \div 9 = 10$

7) $176^\circ \text{ F} = \underline{80}^\circ \text{ C}$ $176 - 32 = 144$ $144 \times 5 = 720$ $720 \div 9 = 80$

8) $158^\circ \text{ F} = \underline{70}^\circ \text{ C}$ $158 - 32 = 126$ $126 \times 5 = 630$ $630 \div 9 = 70$

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

10) $167^\circ \text{ F} = \underline{75}^\circ \text{ C}$ $167 - 32 = 135$ $135 \times 5 = 675$ $675 \div 9 = 75$

1. 15°

2. 50°

3. 100°

4. 85°

5. 30°

6. 10°

7. 80°

8. 70°

9. 90°

10. 75°