

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

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

3) $113^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

5) $104^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $59^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7) $176^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8) $194^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

10) $167^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



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77°F = 25 °C

Answers

1) $68^\circ \text{ F} = \underline{20}^\circ \text{ C}$ $68 - 32 = 36$ $36 \times 5 = 180$ $180 \div 9 = 20$

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

5) $104^\circ \text{ F} = \underline{40}^\circ \text{ C}$ $104 - 32 = 72$ $72 \times 5 = 360$ $360 \div 9 = 40$

6) $59^\circ \text{ F} = \underline{15}^\circ \text{ C}$ $59 - 32 = 27$ $27 \times 5 = 135$ $135 \div 9 = 15$

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

8) $194^\circ \text{ F} = \underline{90}^\circ \text{ C}$ $194 - 32 = 162$ $162 \times 5 = 810$ $810 \div 9 = 90$

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

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

1. 20°

2. 85°

3. 45°

4. 70°

5. 40°

6. 15°

7. 80°

8. 90°

9. 95°

10. 75°