

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

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

3) $122^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4) $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $77^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $185^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7) $59^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8) $158^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9) $167^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $68^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



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

Answers

1) $104^{\circ}\text{F} = \underline{40}^{\circ}\text{C}$ $104 - 32 = 72$ $72 \times 5 = 360$ $360 \div 9 = 40$

2) $140^{\circ}\text{F} = \underline{60}^{\circ}\text{C}$ $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$

3) $122^{\circ}\text{F} = \underline{50}^{\circ}\text{C}$ $122 - 32 = 90$ $90 \times 5 = 450$ $450 \div 9 = 50$

4) $203^{\circ}\text{F} = \underline{95}^{\circ}\text{C}$ $203 - 32 = 171$ $171 \times 5 = 855$ $855 \div 9 = 95$

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

6) $185^{\circ}\text{F} = \underline{85}^{\circ}\text{C}$ $185 - 32 = 153$ $153 \times 5 = 765$ $765 \div 9 = 85$

7) $59^{\circ}\text{F} = \underline{15}^{\circ}\text{C}$ $59 - 32 = 27$ $27 \times 5 = 135$ $135 \div 9 = 15$

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

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

10) $68^{\circ}\text{F} = \underline{20}^{\circ}\text{C}$ $68 - 32 = 36$ $36 \times 5 = 180$ $180 \div 9 = 20$

1. 40°
2. 60°
3. 50°
4. 95°
5. 25°
6. 85°
7. 15°
8. 70°
9. 75°
10. 20°