

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

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

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

4) $77^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $203^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $167^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

8) $50^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

9) $59^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

10) $122^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

2) $95^{\circ}\text{F} = \underline{35}^{\circ}\text{C}$ $95 - 32 = 63$ $63 \times 5 = 315$ $315 \div 9 = 35$

3) $113^{\circ}\text{F} = \underline{45}^{\circ}\text{C}$ $113 - 32 = 81$ $81 \times 5 = 405$ $405 \div 9 = 45$

4) $77^{\circ}\text{F} = \underline{25}^{\circ}\text{C}$ $77 - 32 = 45$ $45 \times 5 = 225$ $225 \div 9 = 25$

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

6) $167^{\circ}\text{F} = \underline{75}^{\circ}\text{C}$ $167 - 32 = 135$ $135 \times 5 = 675$ $675 \div 9 = 75$

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

8) $50^{\circ}\text{F} = \underline{10}^{\circ}\text{C}$ $50 - 32 = 18$ $18 \times 5 = 90$ $90 \div 9 = 10$

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

10) $122^{\circ}\text{F} = \underline{50}^{\circ}\text{C}$ $122 - 32 = 90$ $90 \times 5 = 450$ $450 \div 9 = 50$

1. 60°
2. 35°
3. 45°
4. 25°
5. 95°
6. 75°
7. 80°
8. 10°
9. 15°
10. 50°