

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

2) $212^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

3) $68^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

4) $140^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

5) $104^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

6) $131^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

7) $95^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

8) $203^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

9) $86^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

10) $176^{\circ}\text{F} = \underline{\hspace{1cm}}^{\circ}\text{C}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Convert the temperatures to Celsius.

77°F = _____ °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°F = 25 °C

Answers

1) $50^\circ \text{ F} = \underline{10}^\circ \text{ C}$ $50 - 32 = 18$ $18 \times 5 = 90$ $90 \div 9 = 10$

2) $212^\circ \text{ F} = \underline{100}^\circ \text{ C}$ $212 - 32 = 180$ $180 \times 5 = 900$ $900 \div 9 = 100$

3) $68^\circ \text{ F} = \underline{20}^\circ \text{ C}$ $68 - 32 = 36$ $36 \times 5 = 180$ $180 \div 9 = 20$

4) $140^\circ \text{ F} = \underline{60}^\circ \text{ C}$ $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$

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

6) $131^\circ \text{ F} = \underline{55}^\circ \text{ C}$ $131 - 32 = 99$ $99 \times 5 = 495$ $495 \div 9 = 55$

7) $95^\circ \text{ F} = \underline{35}^\circ \text{ C}$ $95 - 32 = 63$ $63 \times 5 = 315$ $315 \div 9 = 35$

8) $203^\circ \text{ F} = \underline{95}^\circ \text{ C}$ $203 - 32 = 171$ $171 \times 5 = 855$ $855 \div 9 = 95$

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

10) $176^\circ \text{ F} = \underline{80}^\circ \text{ C}$ $176 - 32 = 144$ $144 \times 5 = 720$ $720 \div 9 = 80$

1. 10°

2. 100°

3. 20°

4. 60°

5. 40°

6. 55°

7. 35°

8. 95°

9. 30°

10. 80°