

**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. _____



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First take 32 from the temperature.

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

77°F = 25 °C

Answers

1) 50° F = 10 °C $50 - 32 = 18$ $18 \times 5 = 90$ $90 \div 9 = 10$

2) 212° F = 100 °C $212 - 32 = 180$ $180 \times 5 = 900$ $900 \div 9 = 100$

3) 68° F = 20 °C $68 - 32 = 36$ $36 \times 5 = 180$ $180 \div 9 = 20$

4) 140° F = 60 °C $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$

5) 104° F = 40 °C $104 - 32 = 72$ $72 \times 5 = 360$ $360 \div 9 = 40$

6) 131° F = 55 °C $131 - 32 = 99$ $99 \times 5 = 495$ $495 \div 9 = 55$

7) 95° F = 35 °C $95 - 32 = 63$ $63 \times 5 = 315$ $315 \div 9 = 35$

8) 203° F = 95 °C $203 - 32 = 171$ $171 \times 5 = 855$ $855 \div 9 = 95$

9) 86° F = 30 °C $86 - 32 = 54$ $54 \times 5 = 270$ $270 \div 9 = 30$

10) 176° F = 80 °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°