

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

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

3) $59^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

4) $122^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

5) $212^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

6) $86^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

7) $131^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

8) $140^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

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

10) $194^{\circ}\text{F} = \underline{\hspace{2cm}}^{\circ}\text{C}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



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First take 32 from the temperature.

$77^\circ - 32 = 45^\circ$

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

77°F = 25 °C

Answers

1. 45°

2. 80°

3. 15°

4. 50°

5. 100°

6. 30°

7. 55°

8. 60°

9. 75°

10. 90°

1) 113° F = 45 °C $113 - 32 = 81$ $81 \times 5 = 405$ $405 \div 9 = 45$

2) 176° F = 80 °C $176 - 32 = 144$ $144 \times 5 = 720$ $720 \div 9 = 80$

3) 59° F = 15 °C $59 - 32 = 27$ $27 \times 5 = 135$ $135 \div 9 = 15$

4) 122° F = 50 °C $122 - 32 = 90$ $90 \times 5 = 450$ $450 \div 9 = 50$

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

6) 86° F = 30 °C $86 - 32 = 54$ $54 \times 5 = 270$ $270 \div 9 = 30$

7) 131° F = 55 °C $131 - 32 = 99$ $99 \times 5 = 495$ $495 \div 9 = 55$

8) 140° F = 60 °C $140 - 32 = 108$ $108 \times 5 = 540$ $540 \div 9 = 60$

9) 167° F = 75 °C $167 - 32 = 135$ $135 \times 5 = 675$ $675 \div 9 = 75$

10) 194° F = 90 °C $194 - 32 = 162$ $162 \times 5 = 810$ $810 \div 9 = 90$