

**Convert the temperatures to Fahrenheit.**

$25^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

First multiply the temperature times 9.

$25^{\circ} \times 9 = 225^{\circ}$

Next divide your answer by 5.

$225^{\circ} \div 5 = 45^{\circ}$

Finally add 32.

$45^{\circ} + 32 = 77^{\circ}$

$25^{\circ}\text{C} = \underline{\hspace{1cm}77\hspace{1cm}}^{\circ}\text{F}$

1)  $15^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

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

3)  $100^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

4)  $85^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

5)  $30^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

6)  $10^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

7)  $80^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

8)  $70^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

9)  $90^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

10)  $75^{\circ}\text{C} = \underline{\hspace{2cm}}^{\circ}\text{F}$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



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**Answers**

- |  |                      |                    |                  |
|--|----------------------|--------------------|------------------|
| 1) $15^{\circ}\text{C} = \underline{59}^{\circ}\text{F}$   | $15 \times 9 = 135$  | $135 \div 5 = 27$  | $27 + 32 = 59$   |
| 2) $50^{\circ}\text{C} = \underline{122}^{\circ}\text{F}$  | $50 \times 9 = 450$  | $450 \div 5 = 90$  | $90 + 32 = 122$  |
| 3) $100^{\circ}\text{C} = \underline{212}^{\circ}\text{F}$ | $100 \times 9 = 900$ | $900 \div 5 = 180$ | $180 + 32 = 212$ |
| 4) $85^{\circ}\text{C} = \underline{185}^{\circ}\text{F}$  | $85 \times 9 = 765$  | $765 \div 5 = 153$ | $153 + 32 = 185$ |
| 5) $30^{\circ}\text{C} = \underline{86}^{\circ}\text{F}$   | $30 \times 9 = 270$  | $270 \div 5 = 54$  | $54 + 32 = 86$   |
| 6) $10^{\circ}\text{C} = \underline{50}^{\circ}\text{F}$   | $10 \times 9 = 90$   | $90 \div 5 = 18$   | $18 + 32 = 50$   |
| 7) $80^{\circ}\text{C} = \underline{176}^{\circ}\text{F}$  | $80 \times 9 = 720$  | $720 \div 5 = 144$ | $144 + 32 = 176$ |
| 8) $70^{\circ}\text{C} = \underline{158}^{\circ}\text{F}$  | $70 \times 9 = 630$  | $630 \div 5 = 126$ | $126 + 32 = 158$ |
| 9) $90^{\circ}\text{C} = \underline{194}^{\circ}\text{F}$  | $90 \times 9 = 810$  | $810 \div 5 = 162$ | $162 + 32 = 194$ |
| 10) $75^{\circ}\text{C} = \underline{167}^{\circ}\text{F}$ | $75 \times 9 = 675$  | $675 \div 5 = 135$ | $135 + 32 = 167$ |

1. 59°
2. 122°
3. 212°
4. 185°
5. 86°
6. 50°
7. 176°
8. 158°
9. 194°
10. 167°