

**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.

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

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

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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Finally add 32.

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

25°C = 77 °F

**Answers**

1. 59°

2. 122°

3. 212°

4. 185°

5. 86°

6. 50°

7. 176°

8. 158°

9. 194°

10. 167°

1) 15° C = 59 °F      $15 \times 9 = 135$       $135 \div 5 = 27$       $27 + 32 = 59$

2) 50° C = 122 °F      $50 \times 9 = 450$       $450 \div 5 = 90$       $90 + 32 = 122$

3) 100° C = 212 °F      $100 \times 9 = 900$       $900 \div 5 = 180$       $180 + 32 = 212$

4) 85° C = 185 °F      $85 \times 9 = 765$       $765 \div 5 = 153$       $153 + 32 = 185$

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

6) 10° C = 50 °F      $10 \times 9 = 90$       $90 \div 5 = 18$       $18 + 32 = 50$

7) 80° C = 176 °F      $80 \times 9 = 720$       $720 \div 5 = 144$       $144 + 32 = 176$

8) 70° C = 158 °F      $70 \times 9 = 630$       $630 \div 5 = 126$       $126 + 32 = 158$

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

10) 75° C = 167 °F      $75 \times 9 = 675$       $675 \div 5 = 135$       $135 + 32 = 167$