



Converting Celsius To Fahrenheit

Name: _____

Convert the temperatures to Fahrenheit.

Answers

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

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

$$25^{\circ}\text{C} = \underline{\hspace{2cm}} 77^{\circ}\text{F}$$

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

1. _____

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

2. _____

$$3) 90^{\circ}\text{ C} = \underline{\hspace{2cm}}^{\circ}\text{ F}$$

3. _____

$$4) 70^{\circ}\text{ C} = \underline{\hspace{2cm}}^{\circ}\text{ F}$$

4. _____

$$5) 50^{\circ}\text{ C} = \underline{\hspace{2cm}}^{\circ}\text{ F}$$

5. _____

$$6) 25^{\circ}\text{ C} = \underline{\hspace{2cm}}^{\circ}\text{ F}$$

6. _____

$$7) 100^{\circ}\text{ C} = \underline{\hspace{2cm}}^{\circ}\text{ F}$$

7. _____

$$8) 65^{\circ}\text{ C} = \underline{\hspace{2cm}}^{\circ}\text{ F}$$

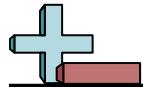
8. _____

$$9) 40^{\circ}\text{ C} = \underline{\hspace{2cm}}^{\circ}\text{ F}$$

9. _____

$$10) 45^{\circ}\text{ C} = \underline{\hspace{2cm}}^{\circ}\text{ F}$$

10. _____



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Name: **Answer Key****Convert the temperatures to Fahrenheit.**

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

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

$$1) \quad 15^{\circ}\text{ C} = \underline{59}^{\circ}\text{ F} \quad 15 \times 9 = 135 \quad 135 \div 5 = 27 \quad 27 + 32 = 59$$

$$2) \quad 75^{\circ}\text{ C} = \underline{167}^{\circ}\text{ F} \quad 75 \times 9 = 675 \quad 675 \div 5 = 135 \quad 135 + 32 = 167$$

$$3) \quad 90^{\circ}\text{ C} = \underline{194}^{\circ}\text{ F} \quad 90 \times 9 = 810 \quad 810 \div 5 = 162 \quad 162 + 32 = 194$$

$$4) \quad 70^{\circ}\text{ C} = \underline{158}^{\circ}\text{ F} \quad 70 \times 9 = 630 \quad 630 \div 5 = 126 \quad 126 + 32 = 158$$

$$5) \quad 50^{\circ}\text{ C} = \underline{122}^{\circ}\text{ F} \quad 50 \times 9 = 450 \quad 450 \div 5 = 90 \quad 90 + 32 = 122$$

$$6) \quad 25^{\circ}\text{ C} = \underline{77}^{\circ}\text{ F} \quad 25 \times 9 = 225 \quad 225 \div 5 = 45 \quad 45 + 32 = 77$$

$$7) \quad 100^{\circ}\text{ C} = \underline{212}^{\circ}\text{ F} \quad 100 \times 9 = 900 \quad 900 \div 5 = 180 \quad 180 + 32 = 212$$

$$8) \quad 65^{\circ}\text{ C} = \underline{149}^{\circ}\text{ F} \quad 65 \times 9 = 585 \quad 585 \div 5 = 117 \quad 117 + 32 = 149$$

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

$$10) \quad 45^{\circ}\text{ C} = \underline{113}^{\circ}\text{ F} \quad 45 \times 9 = 405 \quad 405 \div 5 = 81 \quad 81 + 32 = 113$$

Answers1. **59°**2. **167°**3. **194°**4. **158°**5. **122°**6. **77°**7. **212°**8. **149°**9. **104°**10. **113°**