

Converting Temperature and Cooking Measurements

1) Convert 250° F into Celcius

$$C = \frac{5}{9}(F - 32)$$

$$C = \frac{5}{9}(250 - 32)$$

$$C = \frac{5}{9}(218)$$

$$C = \boxed{121^{\circ}C}$$

2) Convert 190° C into Fahrenheit

$$F = \frac{9}{5}C + 32$$

$$F = \frac{9}{5}(190) + 32$$

$$F = 342 + 32$$

$$F = \boxed{374^{\circ}F}$$

3) Convert 100° C into Fahrenheit

$$F = \frac{9}{5}C + 32$$

$$F = \frac{9}{5}(100) + 32$$

$$F = 180 + 32$$

$$F = \boxed{212^{\circ}F}$$

4) Convert 100° F into Celcius

$$C = \frac{5}{9}(F - 32)$$

$$C = \frac{5}{9}(100 - 32)$$

$$C = \frac{5}{9}(68)$$

$$C = \boxed{37.8^{\circ}C}$$

5) Convert 4 cups into fluid ounces

$$4c \times \frac{8 \text{ floz}}{1 c}$$

$$\boxed{32 \text{ floz}}$$

6) Convert 10 quarts into cups

$$10q \times \frac{4 c}{1 q}$$

$$\boxed{40c}$$

7) Convert 18 teaspoons into tablespoons

$$18 \text{ tsp} \times \frac{1 \text{ Tbsp}}{3 \text{ tsp}}$$

$$\boxed{6 \text{ Tbsp}}$$

8) Convert 18 tablespoons into teaspoons

$$18 \text{ Tbsp} \times \frac{3 \text{ tsp}}{1 \text{ Tbsp}}$$

$$\boxed{54 \text{ tsp}}$$

9) Convert 3 cups to tablespoons.

$$3c \times \frac{16 \text{ Tbsp}}{1c}$$
$$\boxed{48 \text{ Tbsp}}$$

10) Convert 5 cups to ml.

$$5c \times \frac{236.6 \text{ mL}}{1c}$$
$$\boxed{1183 \text{ mL}}$$

11) Convert 60ml to fluid ounces

$$60 \text{ mL} \times \frac{1c}{236.6 \text{ mL}} \times \frac{8 \text{ floz}}{1c}$$
$$\frac{60 \times 8}{236.6} = \boxed{2.029 \text{ floz}}$$

12) Convert 40ml to tablespoons

$$40 \text{ mL} \times \frac{1c}{236.6 \text{ mL}} \times \frac{16 \text{ Tbsp}}{1c}$$
$$\frac{40 \times 16}{236.6} = \boxed{2.7 \text{ Tbsp}}$$

13) Convert 1.8 litres to cups

$$1.8 \text{ L} \times \frac{1000 \text{ mL}}{1 \text{ L}} \times \frac{1c}{236.6 \text{ mL}}$$
$$\frac{1.8 \times 1000}{236.6} = \boxed{7.61c}$$

14) Convert 800ml to quarts

$$800 \text{ mL} \times \frac{1c}{236.6 \text{ mL}} \times \frac{1q}{4c}$$
$$\frac{800}{236.6 \times 4} = \boxed{0.85q}$$