Piecewise Composite Functions

$$7 \quad \frac{1}{2} < C \le \frac{3}{4}$$

$$8 \quad \frac{3}{4} < C \le 1$$

$$9 \quad 1 < C \le \frac{5}{4}$$

$$10 \quad \frac{5}{4} < C \le \frac{3}{2}$$

$$11 \quad \frac{3}{2} < C \le \frac{7}{4}$$

$$12 \quad \frac{7}{4} < C \le 2$$

13 $2 < c \le \frac{9}{4}$

 $14 \quad \frac{9}{4} < C \le \frac{5}{2}$

 $15 \quad \frac{5}{2} < C \le \frac{11}{4}$

16 True