

**Zadatak 32.** Koji je broj veći:  $A = 1 + \frac{1}{3} + \frac{2}{9} + \frac{1}{27} + \frac{1}{81}$  ili  $B = 1 + \frac{1}{3} + \frac{1}{9} + \frac{1}{27} + \frac{2}{81}$ .

*Rješenje.*  $A - B = 1 + \frac{1}{3} + \frac{2}{9} + \frac{1}{27} + \frac{1}{81} - 1 - \frac{1}{3} - \frac{1}{9} - \frac{1}{27} - \frac{2}{81} = \frac{2}{9} - \frac{1}{81} = \frac{17}{81}$ ;  
 $A - B > 0$ ,  $A > B$ .