1. 분수의 차가 3 보다 큰 것을 모두 고르시오.

① $6\frac{2}{3}-4\frac{5}{6}$　② $5\frac{4}{9}-2\frac{11}{12}$　③ $5\frac{13}{15}-2\frac{23}{30}$

④ $4\frac{11}{24}-\frac{17}{36}$　⑤ $5\frac{5}{7}-2\frac{4}{5}$

해설

① $6\frac{2}{3}-4\frac{5}{6}=6\frac{4}{6}-4\frac{5}{6}=5\frac{10}{6}-4\frac{5}{6}=1\frac{5}{6}$

② $5\frac{4}{9}-2\frac{11}{12}=5\frac{16}{36}-2\frac{33}{36}=4\frac{52}{36}-2\frac{33}{36}=2\frac{19}{36}$

③ $5\frac{13}{15}-2\frac{23}{30}=5\frac{26}{30}-2\frac{23}{30}=3\frac{3}{10}$

④ $4\frac{11}{24}-\frac{17}{36}=4\frac{33}{72}-\frac{34}{72}=3\frac{105}{72}-\frac{34}{72}=3\frac{71}{72}$

⑤ $5\frac{5}{7}-2\frac{4}{5}=5\frac{25}{35}-2\frac{28}{35}=4\frac{60}{35}-2\frac{28}{35}=2\frac{32}{35}$

2. 분수의 자가 2 보다 작은 것을 모두 고르시오.

① $5\frac{1}{4}-2\frac{1}{3}$　② $5\frac{1}{9}-3\frac{3}{5}$　③ $7\frac{7}{8}-5\frac{2}{3}$

④ $3\frac{5}{6}-1\frac{7}{18}$　⑤ $6\frac{2}{3}-4\frac{5}{6}$

해설

① $5\frac{1}{4}-2\frac{1}{3}=5\frac{3}{12}-2\frac{4}{12}=4\frac{15}{12}-2\frac{4}{12}=2\frac{11}{12}$

② $5\frac{1}{9}-3\frac{3}{5}=5\frac{5}{45}-3\frac{27}{45}=4\frac{50}{45}-3\frac{27}{45}=1\frac{23}{45}$

③ $7\frac{7}{8}-5\frac{2}{3}=7\frac{21}{24}-5\frac{16}{24}=2\frac{5}{24}$

④ $3\frac{5}{6}-1\frac{7}{18}=3\frac{15}{18}-1\frac{7}{18}=2\frac{8}{18}=2\frac{4}{9}$

⑤ $6\frac{2}{3}-4\frac{5}{6}=6\frac{4}{6}-4\frac{5}{6}=5\frac{10}{6}-4\frac{5}{6}=1\frac{5}{6}$