

B.S. 199/1

a: geg: rot PW = 34 GW = 100 gelb PW = 20 GW = 100
 Lsg: rot $PS = \frac{PW}{GW} = \frac{34}{100} = 34\%$ gelb $PS = \frac{PW}{GW} = \frac{20}{100} = 20\%$

Folgerung für weiß: $100\% - 34\% - 20\% = 46\%$

b: analog rot 11% grün 10% weiß 79%

c: rot 75% weiß 25%

d: grün PW = 7 [Dreiecke] GW = 16 [Dreiecke]

$PS = \frac{PW}{GW} = \frac{7}{16} = 0,4375 \sim 43,8\%$

Folgerung: weiß 56,2%

e: rot $\frac{8}{9}$ von $\frac{1}{4}$: $\frac{8}{9} * \frac{1}{4} = \frac{2}{9} = 22,2 \dots\%$ grün $\frac{1}{9}$ von $\frac{1}{4} = \frac{1}{9} * \frac{1}{4} = \frac{1}{36} = 2,7777\%$

B.S. 199/2

a: Vorüberlegungen $\frac{9}{12} = \frac{3}{4} = \frac{75}{100}$ $\frac{3}{15} = \frac{1}{5} = \frac{20}{100}$

$\frac{3}{100} = 3\% < \frac{4}{50} = \frac{8}{100} = 8\% < \frac{3}{15} = 20\% < \frac{1}{2} = 50\% < \frac{9}{12} = 75\%$

b: Vorüberlegungen $\frac{9}{20} = \frac{45}{100} = 45\%$ $\frac{7}{25} = \frac{28}{100} = 28\%$

$\frac{1}{8} = \frac{125}{1000} = 12,5\%$ $\frac{23}{50} = \frac{46}{100} = 46\%$ $\frac{11}{100} = 11\%$

$\frac{11}{100} = 11\% < \frac{1}{8} = 12,5\% < \frac{7}{25} = 28\% < \frac{9}{20} = 45\% < \frac{23}{50} = 46\%$