

179 / (1.)  $\sigma = 20 \text{ km}$   
 $d = 7 \text{ km}$

$$p = \frac{d}{\sigma} \quad p = \frac{7 \cdot 5}{20 \cdot 5} = \frac{35}{100} = 35\% \quad 100\% - 35\% = 65\%$$

Asfaltirane je že 35% ceste. 65% je še ni.

(3.)  $\frac{12}{30}$   $\sigma = 30$   
 $d = 12$

$$\frac{12:3}{30:3} = \frac{4 \cdot 10}{10 \cdot 10} = \frac{40}{100} = 40\%$$

Praznega je še 40% sataja.

(4.)  $\sigma = 60 \text{ stolov}$   
 $d = 75 \text{ stolov}$

$$p = \frac{d}{\sigma} \quad p = \frac{75:3}{60:3} = \frac{25 \cdot 5}{20 \cdot 5} = \frac{125}{100} = 125\%$$

(5.) a)  $\sigma = 25 \text{ vrh}$   
 $d = 12 \text{ deklic}$   $p = \frac{d}{\sigma}$   
 $p = \frac{12 \cdot 4}{25 \cdot 4} = \frac{48}{100} = 48\%$

b)  $\sigma = 20 \text{ vrh}$   
 $d = 9 \text{ deklic}$

$$48\% - 45\% = 3\%$$

$$p = \frac{9 \cdot 5}{20 \cdot 5} = \frac{45}{100} = 45\%$$

Več deklic ima razred pri a primeru in to za 3%.



7. a)  $\sigma = 40$   
 $d = 16$   $\rho = \frac{d}{\sigma}$   $\rho = \frac{16:2}{40:2} = \frac{8 \cdot 5}{20 \cdot 5} = \frac{40}{100} = 40\% = 0,4$

b)  $\sigma = 48$   
 $d = 6$   $\rho = \frac{d}{\sigma}$   $\rho = \frac{6:6}{48:6} = \frac{1 \cdot 125}{8 \cdot 125} = \frac{125:10}{1000:10} = \frac{12,5}{100} = 12,5\%$   
 $= 0,125$

c)  $\sigma = 10 \text{ kg}$   
 $d = 0,2 \text{ kg}$   $\rho = \frac{d}{\sigma}$   $\rho = \frac{0,2 \cdot 10}{10 \cdot 10} = \frac{2}{100} = 2\% = 0,02$

c)  $\sigma = 2 \text{ l}$   
 $d = 5 \text{ cm}^3$   $\{2 \text{ l} = 2 \text{ dm}^3 = 2000 \text{ cm}^3\}!$   
 $\rho = \frac{d}{\sigma}$   $\rho = \frac{5:2}{2000:2} = \frac{2,5:10}{1000:10} = \frac{0,25}{100} = 0,25\%$   
 $= 0,0025$

d)  $\sigma = 1,8 \text{ cm}$   
 $d = 0,45 \text{ cm}$   $\rho = \frac{d}{\sigma}$   $\rho = \frac{0,45}{1,8} = \frac{45:9}{180:9} = \frac{5 \cdot 5}{20 \cdot 5} = \frac{25}{100} = 25\%$   
 $= 0,25$