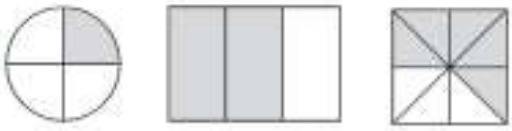
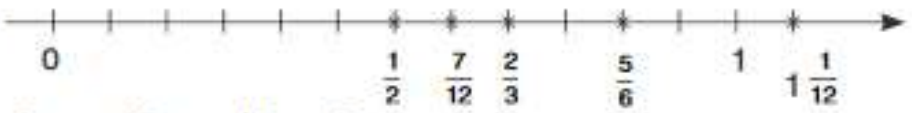
ŠPELA SE PREIZKUSI

❶ $\frac{3}{4}, \frac{7}{8}, \frac{4}{8}, \frac{1}{6}$

❷ 

Možne so tudi druge rešitve. Pomembno je,da sta pobarvana 1, 2 oziroma 5 delov.

❸ 

❹ $\frac{3}{85} < 1$; $\frac{17}{95} > 1$, $\frac{17}{9} = 1\frac{8}{9}$;

$\frac{85}{7} > 1$, $\frac{85}{7} = 5$;

$\frac{42}{8} > 1$, $\frac{42}{8} = 5\frac{2}{8} = 5\frac{1}{4}$; $\frac{12}{12} = 1$; $\frac{4}{11} < 1$; $\frac{48}{6} > 1$, $\frac{48}{6} = 8$;

(vsaka primerjava 1 t)

❺ $4\frac{2}{5} = \frac{22}{5}$, $5\frac{1}{7} = \frac{36}{7}$, $2\frac{7}{13} = \frac{33}{13}$

❽ $\frac{4}{9} = \frac{24}{54}$, $\frac{5}{8} = \frac{35}{56}$, $\frac{8}{7} = \frac{72}{63}$, (vsak po 1 t),

$4\frac{5}{6} = \frac{29}{6} = \frac{87}{18}$ (2 t)

❼ $\frac{15}{45} = \frac{1}{3}$, $\frac{28}{42} = \frac{2}{3}$, (vsak po 1 t), $\frac{80}{360} = \frac{2}{9}$ (2 t)

❽ a) $\frac{5}{12} < \frac{8}{15} < \frac{7}{10}$ b) $\frac{4}{9} < \frac{2}{3} < \frac{3}{4}$

❾ $\frac{4}{5} = 0{,}8$; $\frac{3}{4} = 0{,}75$; $\frac{7}{10} = 0{,}7$

❿ $6 < \frac{45}{7} < 7$; $4 < \frac{39}{9} < 5$

⓫ Prehoditi mora še $\frac{12}{20} = \frac{3}{5}$ poti.

ŠPELA SE PREIZKUSI

1. a) 61 (1 t)
   b) 8 (1 t)
2. $266 = 2 \cdot 7 \cdot 19$ (2 t)
3. $D_{40} = \{1, 2, 4, 5, 8, 10, 20, 40\}$ (2 t)
   $D_{48} = \{1, 2, 3, 4, 6, 8, 12, 16, 24, 48\}$ (2 t)
   Skupni delitelji števil 40 in 48 so: 1, 2, 4, 8. (2 t)
   D(40, 48)=8 (1 t)
4. a) v(3,7) = 21 b) D(60,75) = 15
   c)v(5,10) = 10 č) v(8,12) = 24 vsaka (1 t)
   d) D(56,63) = 7 e) D(6,11) = 1
5. a) N; (1 t) c) P (1 t)
   b) P (1 t) č) N (1 t)
6. a) 2, 3, 5, 7 (2 t)
   b) 4, 6, 8, 9 (2 t)
   c) Pari tujih števil, kjer vrstni red ni pomemben:
   (2, 3), (2, 5), (2, 7), (2, 9)
   (3, 4), (3, 5), (3, 7), (3, 8)
   (4, 5), (4, 7), (4, 9)
   (5, 6), (5, 7), (5, 8), (5, 9)
   (6, 7)
   (7, 8), (7, 9)
   (8, 9) (4 t)
7. a) Števili, ki imata največji skupni delitelj 1. (2 t)
   b) najmanjši skupni večkratnik (2 t)
8. a) N; $24 = 2 \cdot 2 \cdot 2 \cdot 3$ (2 t)
   b) P (1 t)
   c) P (1 t)
   č) N; $176 = 2^4 \cdot 11$ (2 t)
9. D(35, 42, 14, 56) = ? (2 t)
   pravilen izračun: dolžina enega kosa je 7 metrov (2 t)
   pravilen izračun števila kosov: 5+6+2+8=21,
   21 kosov (2 t)
10. v(4, 8, 10) = ? (2 t)
    pravilen izračun: čez 40 dni (2 t)
    pravilen datum: 8. oktobra (1 t)