CENTAR IZVRSNOSTI IZ MATEMATIKE – NATJECANJE 1

ZAPORKA

2. RAZRED – 28. siječnja 2023.

1. (8 bodova) Izračunaj:  
  
*27 + 32 – (27 + 18) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
47 – (39 – 25) + 39 =\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
(43 + 17) + (50 – 17) =\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
  
(70 + 28) – ( 50 + 28) =\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

2. (5 bodova) Napiši sve dvoznamenkaste brojeve kojima je zbroj znamenka 5.

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3. (10 bodova) Ispiši dužine sa slike.

Slika na kojoj se prikazuje tekst, snimka zaslona, računalo

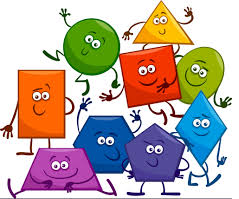
Opis je automatski generiran

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4. (6 bodova) U školskoj knjižnici je ormar s 10 polica. Na tri police je po 6 knjiga, na 4 police po 7 knjiga, na jednoj je 10 knjiga i na dvije police su po 2 knjige. Knjige treba složiti u novi ormar sa 6 polica tako da na svakoj polici bude jednaki broj knjiga. Koliko će knjiga biti na svakoj polici?

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5. (3 boda) U koverti su od papira izrezani kvadrati, krugovi i trokuti - ukupno 8 komada. Kvadrata ima tri puta više nego trokuta.

Koliko kojih likova ima u koverti ?

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6. (3 boda) Marija i Ana imaju ukupno 22 godine. Koliko godina ima Marija, a koliko Ana, ako je Ana 4 godine mlađa od Marije?

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7. (3 boda) Nastavi nizove.

a) 22, 25, 28, 31, 34, 37, \_\_\_\_, \_\_\_\_, \_\_\_\_

b) 63, 67, 71, 75, 79, 83, \_\_\_\_, \_\_\_\_, \_\_\_\_

c) 83, 84, 86, 89, 93, 98, \_\_\_\_, \_\_\_\_, \_\_\_\_

8. (3 boda) Na kazališnoj predstavi srelo se 6 znanaca. Ako se svatko od njih jednom rukuje sa svima ostalima, koliko je to ukupno rukovanja?  
  
  
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9. (5 bodova) Načini magični kvadrat tako da je zbroj prirodnih brojeva u recima, stupcima i dijagonalama 15.

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10. (4 boda) Jedna knjiga ima 27 listova, a druga 18 stranica manje.   
  
 Koliko ukupno stranica imaju te dvije knjige?

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