

BODOVANJE ISPITA IZ MATEMATIKE NA DRŽAVNOJ MATURI 2023.

- 2. rok

OSNOVNA RAZINA – II. DIO ISPITA

Prihvataju se svi ekvivalentni zapisi rješenja, ukoliko nije drukčije zapisano.

21.1. $\boxed{13.2097442}$

(1 bod)

21.2. $\boxed{4.3918 \cdot 10^9}$ km

(1 bod)

22.1. $\boxed{x^2 y^2}$

(1 bod)

22.2. $\boxed{16x^{-6}y^2}$

(1 bod)

23.1. $\boxed{a^3 + 8}$

(1 bod)

23.2. $\boxed{\frac{b^2}{2}}$

(1 bod)

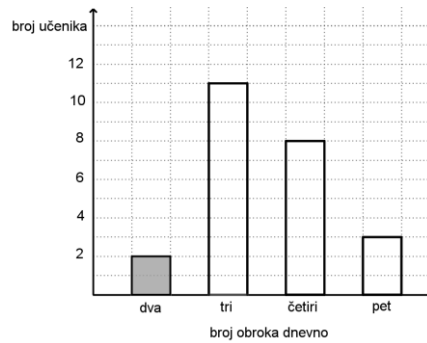
24.1. $x = \boxed{3}, y = \boxed{2}$

(1 bod)

24.2. $\boxed{156}$ €

(1 bod)

25.1.

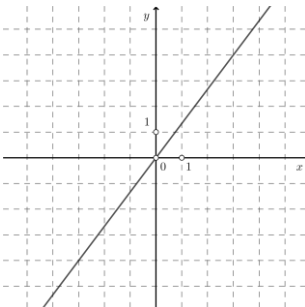


(1 bod)

25.2. $\boxed{91.6\%}$

(1 bod)

26.1.



(1 bod)

26.2. $\boxed{y = \frac{4}{3}x + l, l \in \mathbf{R} \setminus \{0\}}$

(1 bod)

27.1. $\boxed{9.6}$ m

(1 bod)

27.2. $\boxed{16}$ m

(1 bod)

28.1. $\boxed{23^\circ 7' 52''}$

Priznaju se rješenja iz intervala $[23^\circ 7', 23^\circ 9']$.

(1 bod)

28.2. $\boxed{\frac{5\sqrt{2}}{2}}$ cm

(1 bod)

29.1. $\boxed{4620}$ cm³

(1 bod)

29.2. $\boxed{2520\pi}$ cm²

Priznaju se rješenja iz intervala $[7912.8, 7918]$.

(1 bod)

30.1. $\boxed{x = 4}$

(1 bod)

30.2. $\boxed{\langle -1, +\infty \rangle}$

(1 bod)