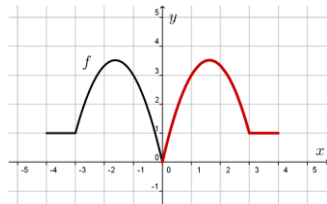


## MATEMATIKA VIŠA RAZINA

|                        |  |  |  |
|------------------------|--|--|--|
| 1. C                   | 2. A   | 3. B   | 4. C   |
| 5. D                   | 6. B   | 7. A   | 8. B   |
| 9. D                   | 10. D  | 11. A  | 12. B  |
| 13. C                  | 14. C  | 15. C  |  |
| 16.1.<br>840           | 16.2.<br>$(x-11)(x-13)$                          | 17.1.<br>50  | 17.2.<br>46  |
| 18.1.<br>$[-3,1)$      | 18.2.<br>$\frac{4x+13}{2(x+3)}$                  | 19.1.<br>primjerice: $(-1,0)$ , $(-5,0)$ ;<br>$(y-1, y)$ , $(-y-5, y)$ , $y > -2$          | 19.2.<br>$(0,5)$   |
| 20.1.<br>33            | 20.2.<br>2025.                                   | 21.1.<br>$\frac{x^2}{196} + \frac{y^2}{98} = 1$ ili $\frac{x^2}{98} + \frac{y^2}{196} = 1$ | 21.2.<br>$y = \pm \frac{5}{4}x$  |
| 22.1.<br>12            | 22.2.<br>3                                       | 23.1.<br>$\frac{k-5}{2k+4}$  | 23.2.<br>$x = \pm \frac{\pi}{3} + k\pi$ , $k \in \mathbf{Z}$                                   |
| 24.1.<br>$\frac{1}{2}$ | 24.2.<br>$3n+3$                                  | 25.1.<br>5.3   | 25.2.<br>8   |
| 25.3.<br>$\sqrt{13}$   | 26.1.<br>19                                      | 26.2.<br>$\langle 13, +\infty \rangle$   | 26.3.<br> |
| 27.1.<br>$y = 5x - 1$  | 27.2.<br>$9 \sin\left(\frac{\pi}{4} - 9x\right)$ | 27.3.<br>$3 \sin 4x$   | 28.<br>-5, 7   |
| 29.1.<br>3450          | 29.2.<br>32 kn, 68 kn                            | 29.3.<br>$64^\circ 20' 28''$   | 29.4.<br>Jednadžba nema rješenja.  |
| 29.5.<br>$2 < a < 8$   | 30.<br>34.55                                     |  |  |