1. $\iint_D (1+x)\,dx\,dy$, $D=\{(x,y)\in\mathbb{R}^2 \mid x^2+y^2\le 2y,\ y\le -x+2\}$.

2. $\iint_D (x+xy)\,dx\,dy$, D este trapezul determinat de $A(1,0)$, $B(5,0)$, $C(3,4)$, $D(1,4)$.

3. $\iint_D (x^2+y^2+xy)\,dx\,dy$, $D=\{(x,y)\in\mathbb{R}^2 \mid 4\le x^2+y^2\le 9;\ 0\le x\le y\}$

4. $\iint_D (x+y)xy\,dx\,dy$, D este limitat de dreptele
$x+y=-3$, $x+y=3$
$x-y=1$; $x-y=-1$.

5. aria $(D)=?$; $D=\{(x,y)\in\mathbb{R}^2 \mid x^2+y^2\le 4,\ y\le x\}$

6. aria $(D)=?$ $D=\{(x,y)\in\mathbb{R}^2 \mid 3\le 2x+2y\le 4,\ y^2\le 2x\}$

7. aria $(D)=?$, D este mărginit de curba
$(x^2+y^2)^2=a^2(x^2-y^2)$, $a>0$

8. $\iint_D (x+y)^2\,dx\,dy$, $D=\{(x,y)\in\mathbb{R}^2 \mid x^2+y^2\le 4x\}$.

9. $\iint_D \ln(x^2+y^2)\,dx\,dy$; $D=\{(x,y)\in\mathbb{R}^2 \mid 1\le x^2+y^2\le 4,\ y\le\sqrt{3}x\}$

10. $\iint_D \sqrt{xy}\,dx\,dy$, D este mărginit de curbele
$y^2=x$; $y^2=8x$; $xy=1$, $xy=8$.

11. $\iint_D e^{-x^2-y^2}\,dx\,dy$, $D=\{(x,y)\in\mathbb{R}^2 \mid x^2+y^2\le 9,\ x,y\le 0\}$

12. $\iint_D \sqrt{x^2+y^2}\cdot e^{\sqrt{x^2+y^2}}\,dx\,dy$, $D=\{(x,y) \mid x^2+y^2\le 4,\ y\ge \frac{1}{\sqrt{3}}x\}$

14. $\iiint_V x\,dx\,dy\,dz$, $V=\{(x,y,z)\in\mathbb{R}^3 \mid 2x+3y+6z\le 6,\ x,y,z\ge 0\}$

15. $\iiint_V (x^2+y^2)\,dx\,dy\,dz$, $V=\{(x,y,z)\in\mathbb{R}^3 \mid x^2+y^2\le z^2,\ 1\le z\le 2,\ x,y\ge 0\}$

16. $\iiint_V \sqrt{x^2+y^2}\,dx\,dy\,dz$, $V=\{(x,y,z)\in\mathbb{R}^3 \mid 4\le x^2+y^2\le z^2,\ 0\le z\le 3\}$

17. $\iiint_V x\,dx\,dy\,dz$; $V=\{(x,y,z)\in\mathbb{R}^3 \mid 1\le z\le 2,\ x+y+z\le 4,\ x,y\ge 0\}$

19. $\iiint_V (x+y+z)^2\,dx\,dy\,dz$; V limitat de $x^2+y^2+z^2=3$ și paraboloidul $x^2+y^2=2z$.

19. $\iiint_V \sqrt{x^2+y^2+z^2}\,dx\,dy\,dz$ $V=\{(x,y,z)\in\mathbb{R}^3 \mid x^2+y^2+z^2\le z\}$

20. $\iiint_V (x^2+y^2)\,dx\,dy\,dz$, V este mărginit de suprafețele
$x^2+y^2+z^2=2z$
$x^2+y^2+z^2=1$.