

Opgavenblad

Opgave	Los exact op	Kleur	Nummer	Antwoord
1	${}^3\log(3x - 5) + {}^{\frac{1}{3}}\log(x - 1) = 0$			
2	${}^5\log(3x) + 2 \cdot {}^{\frac{1}{5}}\log(x) = 0$			
3	${}^2\log {}^2(x) = 2 \cdot {}^2\log(x) + 3$			
4	${}^2\log(x) = {}^4\log(x + 20)$			
5	$-2 \cdot {}^{\frac{1}{2}}\log(x) = 2 + {}^2\log(3 - x)$			
6	${}^9\log(2x) = {}^3\log(x - 4)$			
7	$4x \cdot {}^4\log(2x - 1) + 3 \cdot {}^4\log(2x - 1) = 0$			
8	${}^{\frac{1}{2}}\log {}^2(x + 2) + 3 \cdot {}^{\frac{1}{2}}\log(x + 2) = 0$			

Antwoordblad

Opgave	Los exact op	Kleur	Nummer	Antwoord
1	${}^3\log(3x - 5) + \frac{1}{3}\log(x - 1) = 0$		3	$x = 2$
2	${}^5\log(3x) + 2 \cdot \frac{1}{5}\log(x) = 0$		5	$x = 0 \vee x = 3$ v.n.
3	${}^2\log {}^2(x) = 2 \cdot {}^2\log(x) + 3$		6	$x = \frac{1}{2} \vee x = 8$
4	${}^2\log(x) = {}^4\log(x + 20)$		8	$x = -4 \vee x = 5$ v.n.
5	$-2 \cdot \frac{1}{2}\log(x) = 2 + {}^2\log(3 - x)$		9	$x = -6 \vee x = 2$ v.n.
6	${}^9\log(2x) = {}^3\log(x - 4)$		7	$x = 2 \vee x = 8$ v.n.
7	$4x \cdot {}^4\log(2x - 1) + 3 \cdot {}^4\log(2x - 1) = 0$		2	$x = -\frac{3}{4} \vee x = 1$ v.n.
8	$\frac{1}{2}\log {}^2(x + 2) + 3 \cdot \frac{1}{2}\log(x + 2) = 0$		11	$x = -1 \vee x = 6$

[illegible]

