Mathématiques Test d'entraînement 1M

	Réponses valides	Exemples de réponses non valides (Ces réponses ne rapportent aucun point.)	
1.	$24'000$	$\frac{48'000}{2}$	
2.	6	$-7+13$	
3.	-56	$28-84$	
4.	-64	64	
5.	66	$12+54$	
6.	6	$\sqrt{36}$	± 6
7.	420	$7 \cdot 60$	$\frac{1260}{3}$

8. 160 CHF

CHF 160.-

40 CHF

160

9. $\frac{3}{2}$

$\frac{-3}{-2}$

$\frac{-54}{-36}$

$\frac{54}{36}$

10. $\frac{8}{21}$

$\frac{2}{7} + \frac{2}{21}$

11. 140^{11}

$(4 \cdot 5 \cdot 7)^{11}$

12. 4^{30}

$4^{5 \cdot 6}$

13. 6^3

6^{10-7}

14. $-20xy - 3x^2$

$xy - 3x^2 - 21xy$

15. $4x^2 - 20xy + 25y^2$

$4x^2 - 2 \cdot 10xy + 25y^2$

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16. $16a - 24b$

$-24b + 16a$

$8a - 12b - 12b + 8a$

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17. $x = \pm 4$

$S = \{\pm 4\}$

$S = \{-4; 4\}$

$x = \{\pm 4\}$

$x \in \{-4; 4\}$

$x = 4$ ou -4

$S = \{4; -4\}$

$x = 4$

$x \in \{\pm 4\}$

$x \in \{4; -4\}$

± 4

$x = -4$

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18. $x = 100$

$S = \{100\}$

$x = \frac{300}{3}$

100

$x \in \{100\}$

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19. $x = -2$

$x = 2$

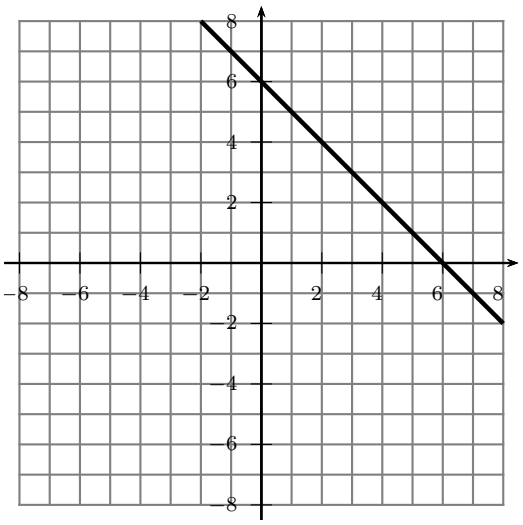
-2

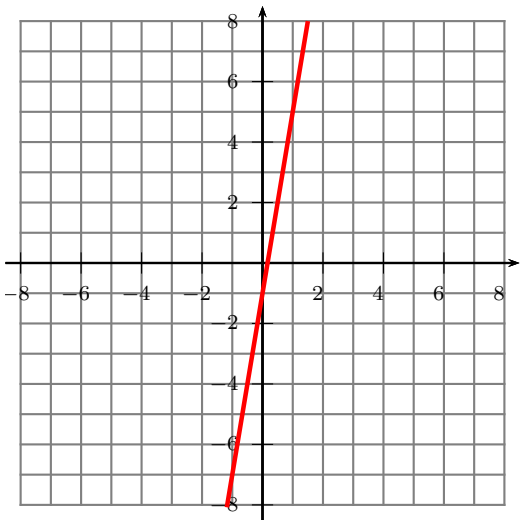
$x = \frac{6}{-3}$

$S = \{-2\}$

$x = \frac{-2}{1}$

20.





21. $12°$

12

$22°$

$102°$

22. $70°$

70

$240°$

23. 5

$x = 5$

$\sqrt{25}$

± 5

24. 6.4

$x = 6.4$

$\frac{640\pi}{10^2\pi}$

$\frac{640}{100}$

$\frac{64\pi}{10}$