

MA001
Unit 1 Practice Test
Answer Key

1. -27
2. 74
3. 45
4. $b = \frac{7p-4m}{4a}$
5. $x = -1/3$ and $x = -5/3$
6. $9x^2+3$ or $3(3x^2+1)$
7. $x = 21/2$
8. 13 years ago
9. $y = 19$
10. $k = -287/12$
11. 94°
12. 54 years old
13. 27
14. 261
15. No solutions exist
16. $x = 3/2$ and $x = 1/12$
17. $2x + 50$ or $2(x+25)$
18. $x = 8/5$ and $x = -4/5$
19. $x = 3$ and $x = -1/5$
20. $x = 9$
21. 96°
22. $x = 40/21$
23. No solutions exist
24. $a = \frac{y-25b}{10}$
25. $x = -4$
26. 14 years
27. $x = 17/2$
28. 43 years old
29. $s = 6$
30. -3

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