

Note: I tried to be as careful solving these as I could and checked the solutions to most of them, but it's always possible there is a mistake.

Exponential Equations Worksheet Answers

- a) $x = 1$
- b) $x = -4$
- c) $x = 1$
- d) $x = 2$
- e) $x = 1/2$
- f) $x = -4$ (same problem as b)
- g) $x = 1$
- h) $x = 15/2$
- i) $x = 1/2$
- j) $x = 0$
- k) $x = 3/7$
- l) $x = -12$
- m) $x = -3$
- n) $x = 1/6$
- o) $x = 2$
- p) $x = 2$
- q) $x = 7/3$
- r) $x = 6/7$
- s) $x = 4/3$
- t) $x = 1/2$
- u) $x = 5/2$
- v) $x = -2/3$
- w) $x = -5/11$
- x) $x = -2$
- y) $x = -2/3$
- z) $x = -4$

Logarithmic Equations Worksheet Answers

- 1) $v = 1$
- 2) $n = 1/9$
- 3) $r = 36$
- 4) $x = 125$
- 5) $r = -6$
- 6) $p = -1/4$
- 7) $x = 2401/2$
- 8) $k = 131$
- 9) $r = -84/5$
- 10) $x = 3/7$
- 11) $a = 215/2$
- 12) $x = 6554/3$

13) $p = -2$

14) $x = 0$

15) $x = -3$

16) $v = 0$

17) $x = -130/3$

18) $x = -35$

19) $x = 63/4$

20) $x = 22/9$

21) $x = (e^5 + 24)/3$

22) $x = 88/3$