

Algebra IA
C2L5 Worksheet

Solve for the variable indicated. Use only positive roots.

1. $A = \frac{1}{5}nq$ for q

2. $B = \frac{1}{7}rm$ for m

3. $X = \frac{1}{3}ac$ for c

4. $D = \frac{1}{4}xy$ for y

5. $a = \frac{m-n}{q}$ for m

6. $r = \frac{x-y}{m}$ for x

7. $n = \frac{a-b}{r}$ for a

8. $m = \frac{p-q}{s}$ for p

9. $ax + bx = c$ for x

10. $pm + qm = r$ for m

11. $cy + dy = a$ for y

12. $xd + yd = m$ for d

13. $P = 4\pi a^2$ for a

14. $B = 3\pi m^2$ for m

15. $R = 7\pi c^2$ for c

16. $X = 9\pi y^2$ for y