



7. Make  $x$  the subject of  $5(x - 3) = y(4 - 3x)$

8. When you are  $h$  feet above sea level, you can see  $d$  miles to the horizon, where  $d = \sqrt{\frac{3h}{2}}$ . Make  $h$  the subject of the formula.

9. Rearrange the formula  $y = \frac{2pt}{p-t}$ , to make  $t$  the subject.

10. Make  $b$  the subject of the formula  $a = \frac{2-7b}{b-5}$

11. Rearrange the formula to make  $a$  the subject  $P = \frac{n^2+a}{n+a}$

12. Make  $x$  the subject of the formula  $\frac{x}{x+c} = \frac{p}{q}$

13. Rearrange to make  $u$  the subject of the formula,  $\frac{1}{u} + \frac{1}{v} = \frac{1}{f}$ , simplify your answer