Transposition of formula

1. Transpose the formula $P = \frac{F}{A}$ to make F the subject.
2. Make y the subject of the formula $x = 2y + 1$.
3. Re-arrange the formula $v = u + at$ to make u the subject.
4. Transpose the formula $m = \frac{t+1}{10}$ to make t the subject.
5. Transpose the formula $v = u + at$ to make a the subject .
6. Make x the subject of the formula $r = x^2 - 1$.
7. Re-arrange the formula $r^2 = x^2 + 4y^2$ to make y the subject.
8. Transpose the formula $y = \sqrt{x+1}$ to make x the subject.
9. Transpose the formula $r = \sqrt{1-t^2}$ to make t the subject.
10. Make x the subject of the formula $x + 2y = xy + 1$.
11. Transpose the formula $x = \frac{1-2t}{1+2t}$ to make t the subject.
12. Make m the subject of the formula $r = \frac{1-m^2}{1+m^2}$.
13. If $\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$, then

    a. $f = u + v$ b. $f = \frac{u-v}{u+v}$ c. $f = \frac{uv}{u+v}$ d. $f = \frac{u+v}{u-v}$

14. If $d = \sqrt{b^2 - 4ac}$, then

    a. $b = \sqrt{d^2 - 4ac}$ b. $b = d + 4ac$ c. $b = d - \sqrt{4ac}$ d. $b = \sqrt{d^2 + 4ac}$

15. If $\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$, then

    a. $u = f - v$ b. $u = \frac{vf}{v+f}$ c. $u = \frac{vf}{f-v}$ d. $u = \frac{vf}{v-f}$