d) x =  $\frac{1}{4}$ 

9. Solve: 
$$\{ (\frac{1}{4}x - \frac{5}{8})(\frac{3}{8}) \}$$

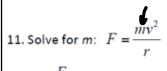
$$8 = XS$$

10. Solve: 
$$8(x-2) - 5(x+4) = 20 + x$$

c)  $x = \frac{1}{2}$ 

$$d) x = -18$$

$$3x - 36 = 50 + x$$



a) 
$$m = \frac{F}{rv^2}$$

b) 
$$m = Frv^2$$

b) 
$$m = Frv^2$$
 c)  $m = \frac{Fv^2}{r}$ 

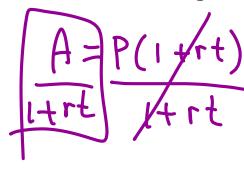
12. Solve P: 
$$A = P + Prt$$

a) 
$$P = A - rt$$

b) 
$$P = \frac{A - rt}{2}$$

c) 
$$P = \frac{A}{1+rt}$$

d) 
$$P = \frac{A}{2rt}$$



13. Solve: 
$$\frac{6}{x-5} = \frac{4}{x}$$

d) 
$$x = 2$$

14. Solve: 
$$2|x-3|=5$$

(b) 
$$x = \frac{1}{2}, \frac{11}{2}$$

c) x = 
$$0, \frac{11}{2}$$

b) 
$$x = \frac{1}{2}, \frac{11}{2}$$
 c)  $x = 0, \frac{11}{2}$  d)  $x = -\frac{1}{2}, -\frac{11}{2}$ 

$$x-3 = \frac{5}{2}$$

$$\begin{array}{c} x - 3 = \frac{2}{3} \\ x - 3 = \frac{1}{3} \\ x - 3$$

