MULTISTEPS EQUATIONS TEST

Simpliying the following EXPRESSIONS

1. $21 - 7(3 - q)$
2. $16p - 3(2p - q) + 7q$
3. $12 - (5u + v) - 4(u - 6) + 2v$

Solve the following EQUATIONS

4. $\frac{p}{8} + 1 = 5$
5. $9x + 7 = -2$
6. $5a + 7 - 4a = 20$
7. $5x + 12 = 4x - 16$
8. $-2(w - 3) + 3w = -8$
9. $-4(m - 3) + 7 + 5m = 21$
10. $-(5a + 3) - 3(a - 2) = 24 - a$
11. $-12(x - 12) = -9(1 + 7x)$

TRANSLATE the verbal statement in an equation (DON'T SOLVE)

1. Eight more than twice a number is 20.
2. Negative four times a number when reduced by 6 equals 14.
3. The product of 3 and a number is the same as 10 less than twice the number.