

Changing the Subject... $n = \dots$

The subject of a formula is the letter it is equal to; ie in the formula $n = 3p - 5$, n would be the subject.

In these questions we will rearrange each of them to make 'n' the subject.

Green

1. $p + n = 3p$
2. $t + n = 7$
3. $3a = 2a + n$
4. $p = 26 + n$
5. $8p = \frac{n}{2}$
6. $7t = \frac{n}{2}$
7. $a = \frac{3n}{5}$
8. $\frac{3n}{4} = 2b$
9. $e = np$
10. $5n + 2p = 5p$

Amber

1. $3n + p = 9p$
2. $5n - k = 14k$
3. $-5w + 2n = w$
4. $8 = \frac{2n}{p}$
5. $m + 3n = p$
6. $9n - 8g = 0$
7. $2n + 2a = 8a$
8. $9n + 7t = 25t$
9. $\frac{3n}{c} = 2b$
10. $a = 2nw$

Red

1. $4n - 3a = 2n + 2a$
2. $n^2 = a(b-c)$
3. $n^2 = 7c(a+2b)$
4. $\frac{2n}{4r} = t^2$
5. $n^2 - a = c$
6. $p^2 - n^2 = 0$
7. $tn^2 = 4w$
8. $t^2n^2 = 10$
9. $\frac{n}{m^3} = k$
10. $9(a+b) = 3n$