Simple Equations

RED

Solve the following equations. Write the question, your method and your answer:

a) $4n = 20$ b) $4x = 24$ c) $3n = 18$

d) $c - 3 = 7$ e) $y + 6 = 14$ f) $t + 3 = 24$

g) $n - 5 = 10$ h) $x + 5 = 41$ i) $n + 5 = 35$

j) $2x = 20$ k) $5b = 35$ l) $a + 9 = 15$

AMBER

Solve the following equations. Write the question, your method and your answer:

a) $4n + 1 = 21$ (Subtract 1 from both sides then divide by 4)

b) $4x + 4 = 24$ (Subtract 4 from both sides then divide by 4)

c) $3n + 3 = 18$ (Subtract 3 from both sides then divide by 3)

d) $2c - 3 = 7$ (Add 3 to both sides then divide by 2)

e) $2y + 6 = 14$ (Subtract 6 from both sides then divide by 2)

f) $3t - 3 = 24$ (Add 3 to both sides then divide by 3)

g) $3n - 5 = 10$ (Add 5 to both sides then divide by 3)

GREEN

Solve the following equations. Write the question, your method and your answer:

a) $4n + 5 = 13$ b) $4x - 3 = 25$ c) $3n + 7 = 19$

d) $5c - 3 = 7$ e) $4y + 6 = 14$ f) $7t + 3 = 24$

g) $3n - 5 = 10$ h) $6x + 5 = 41$ i) $6n + 5 = 35$

j) $2x + 2 = 20$ k) $5b + 4 = 39$ l) $4a + 9 = 5$

Answers

A – n =5	B – x = 6	C – n = 6	D – c = 7
E – y = 8	F – t = 27	G – n = 15	H – x = 36
I – n = 30	J – x = 10	K – b = 7	L – a = 6

A – n = 5	B – x = 5	C – n = 5	D – c = 5
E – y = 4	F – t = 9	G – n = 5	

A – n = 2	B – x = 7	C – n = 4	D - c = 2
E - y = 2	F – t = 3	G – n = 5	H – x = 6
I – n = 5	J – x = 9	K – b = 7	L – a = -1