Solutions – Creating a Formula (A)

Jack has 4 boxes containing t coins each and x loose coins. Write an expression.

$4t + x$

Sarah has y pencils. Then Sarah gives away 10. Write an expression for how many remain.

$y - 10$

Noah has x marbles. Then Noah gives away 3. Write an expression for how many remain.

$x - 3$

Jack has b stickers. Then Jack gives away 5. Write an expression for how many remain.

$b - 5$

Liam has 9 boxes containing a pencils each and d loose pencils. Write an expression.

$9a + d$

Ava has 2 boxes containing x books each and a loose books. Write an expression.

$2x + a$

Solutions – Creating a Formula (B)

Tom travels at a speed of b km/h for d hours. Write a formula for the distance travelled.

bd

Liam earns x dollars each day minus expenses of 5. Write a formula for net earnings.

$x - 5$

Noah has x pencils. Then Noah gives away 8. Write an expression for how many remain.

$x - 8$

Noah has x marbles. Each pack contains b marbles. Write an expression for the total.

bx

Sarah has t marbles. Each pack contains y marbles. Write an expression for the total.

ty

Ava has d pencils. Each pack contains x pencils. Write an expression for the total.

dx

Solutions – Creating a Formula (C)

Jack has a apples. Then Jack gives away 3. Write an expression for how many remain.

$a - 3$

Emma travels at a speed of y km/h for a hours. Write a formula for the distance travelled.

ay

Jack has 10 boxes containing a coins each and x loose coins. Write an expression.

$10a + x$

Emma has x pencils. Then Emma buys 12 more. Write an expression for the total.

$x + 12$

Jack has 6 boxes containing b apples each and a loose apples. Write an expression.

$6b + a$

Emma travels at a speed of y km/h for x hours. Write a formula for the distance travelled.

xy

Solutions – Creating a Formula (D)

Liam has t books. Each pack contains y books. Write an expression for the total.

ty

Jack has 4 boxes containing y coins each and b loose coins. Write an expression.

$4y + b$

Noah saves d dollars each week for t weeks. Write a formula for total savings.

dt

Liam starts with a books and loses t of them. Write an expression.

$a - t$

Tom has x coins. Then Tom gives away 5. Write an expression for how many remain.

$x - 5$

Ava saves a dollars each week for d weeks. Write a formula for total savings.

ad

Solutions – Creating a Formula (E)

Mia has b books. Then Mia buys 3 more. Write an expression for the total.

$b + 3$

Jack starts with y books and loses x of them. Write an expression.

$y - x$

Jack earns y dollars each day minus expenses of 4. Write a formula for net earnings.

$y - 4$

Jack has b stickers. Then Jack gives away 12. Write an expression for how many remain.

$b - 12$

Noah travels at a speed of y km/h for x hours. Write a formula for the distance travelled.

xy

Mia saves y dollars each week for b weeks. Write a formula for total savings.

by

Solutions – Creating a Formula (F)

Sarah has x marbles. Then Sarah buys 5 more. Write an expression for the total.

$x + 5$

Liam has d coins. Then Liam buys 12 more. Write an expression for the total.

$d + 12$

Liam has 10 boxes containing d apples each and t loose apples. Write an expression.

$10d + t$

Liam travels at a speed of t km/h for d hours. Write a formula for the distance travelled.

dt

Noah starts with t coins and loses a of them. Write an expression.

$t - a$

Emma has y marbles. Then Emma gives away 8. Write an expression for how many remain.

$y - 8$

Solutions – Creating a Formula (G)

Mia starts with d books and loses x of them. Write an expression.

$d - x$

Ava earns a dollars each day minus expenses of 9. Write a formula for net earnings.

$a - 9$

Liam has d marbles. Then Liam gives away 2. Write an expression for how many remain.

$d - 2$

Tom earns a dollars each day minus expenses of 5. Write a formula for net earnings.

$a - 5$

Sarah earns b dollars each day minus expenses of 11. Write a formula for net earnings.

$b - 11$

Jack travels at a speed of t km/h for x hours. Write a formula for the distance travelled.

tx

Solutions – Creating a Formula (H)

Jack starts with x pencils and loses b of them. Write an expression.

$x - b$

Liam has a marbles. Each pack contains y marbles. Write an expression for the total.

ay

Jack starts with d coins and loses t of them. Write an expression.

$d - t$

Liam has t apples. Then Liam gives away 3. Write an expression for how many remain.

$t - 3$

Emma travels at a speed of d km/h for t hours. Write a formula for the distance travelled.

dt

Tom has d books. Then Tom buys 3 more. Write an expression for the total.

$d + 3$

Solutions – Creating a Formula (I)

Liam has a apples. Each pack contains d apples. Write an expression for the total.

ad

Sarah starts with d marbles and loses y of them. Write an expression.

$d - y$

Liam starts with d stickers and loses x of them. Write an expression.

$d - x$

Noah has a apples. Each pack contains x apples. Write an expression for the total.

ax

Mia has x books. Then Mia gives away 6. Write an expression for how many remain.

$x - 6$

Tom has y pencils. Then Tom gives away 8. Write an expression for how many remain.

$y - 8$

Solutions – Creating a Formula (J)

Tom has b pencils. Then Tom buys 10 more. Write an expression for the total.

$b + 10$

Jack saves d dollars each week for x weeks. Write a formula for total savings.

dx

Emma has b pencils. Then Emma buys 8 more. Write an expression for the total.

$b + 8$

Jack has b pencils. Then Jack gives away 9. Write an expression for how many remain.

$b - 9$

Liam has d marbles. Then Liam gives away 2. Write an expression for how many remain.

$d - 2$

Tom saves a dollars each week for d weeks. Write a formula for total savings.

ad