

# Writing a two-step expression for a real-world situation: Worksheet 8.2

Name ..... Date ..... Score .....

Write two-step expressions to represent the real world situations.

Hint: Use  $x$  represent an unknown quantity

1. What is the sum of any four consecutive whole numbers?
2. Jessy had \$15 after buying seven notebooks. What was the total amount she had?
3. Katy has 10 toy cars more than thrice Julie's toy cars. How many toy cars does Silvia have?
4. Fiona is three years younger than thrice Dorothy's age. What is Fiona's age?
5. Nyla needs \$9 more to buy five pencils. What is the amount Nyla having?
6. Peter sold half of his books and purchased 10 more. What is the number of books with him now?
7. Jason is one year younger than one-third Jack's age. What is Jason's age?
8. What is the amount \$20 more than the cost of 6 scissors?
9. What is the total amount of the cost of five baseball bats plus \$24 taxes?
10. There is \$12 discount on the purchase of two shirts. What is the amount to be paid?



## Solutions: Worksheet 8.2

1.  $4x + 6$

2.  $7x + 15$

3.  $3x + 10$

4.  $3x - 3$

5.  $5x - 9$

6.  $(x/2) + 10$

7.  $(x/3) - 1$

8.  $6x + 20$

9.  $5x + 24$

10.  $2x - 12$

