



Name: _____

Date: _____

Evaluating Expressions

Solve for x. Show your work.

1. $5x + 2y + 10$ { when } $x = 2, y = 4$

2. $3x + 3y + 3$ { when } $x = 5, y = 7$

3. $4x + 3y + 3$ { when } $x = 4, y = 2$

4. $5x + 5y + 5$ { when } $x = 2, y = 7$

5. $5x - 2y$ { when } $x = 10, y = 6$

6. $6x + 4y$ { when } $x = 8, y = 4$

7. $5x - 4y$ { when } $x = 9, y = 5$

8. $7x - 2y$ { when } $x = 8, y = 3$



Evaluating Expressions – Answer Key

1. $5x + 2y + 10$ { when } $x = 2, y = 4$
28

2. $3x + 3y + 3$ { when } $x = 5, y = 7$
39

3. $4x + 3y + 3$ { when } $x = 4, y = 2$
25

4. $5x + 5y + 5$ { when } $x = 2, y = 7$
50

5. $5x - 2y$ { when } $x = 10, y = 6$
38

6. $6x + 4y$ { when } $x = 8, y = 4$
64

7. $5x - 4y$ { when } $x = 9, y = 5$
25

8. $7x - 2y$ { when } $x = 8, y = 3$
50