Match Expressions

● Check Understanding

Possible answer: $3(5 + 4h)$

ACTIVITY ANSWERS

The expressions in the **Game Board** match these expressions from the table:

Row 1:

2. $4x + 2x - 2y$

4. $5(x + y)$

5. $4x + 12y$

Row 2:

6. $4(3x + y)$

3. $2(4x - 3x)$

1. $20 - 5y$

●● Check Understanding

Possible answer: $3(5 + 4h)$

ACTIVITY ANSWERS

The expressions in the **Game Board** match these expressions from the table:

Row 1:

5. $3(4x + y)$

3. $60 - 12x$

5. $3(4x + y)$

Row 2:

4. $8x + 17y$

1. $7(x + y)$

3. $60 - 12x$

Row 3:

2. $6(2x - 5y)$

6. $4(3x - 2x)$

1. $7(x + y)$

●●● Check Understanding

Possible answer: $5(g + 2h + 3)$

ACTIVITY ANSWERS

The expressions in the **Game Board** match these expressions from the table:

Row 1:

6. $(4x)(x) + 10$

4. $12x + 4y$

2. $3x + 2y + 3$

Row 2:

1. $2(3x + 2)$

3. $9 + 6x - 3$

5. $3x + 2 + 2x + 8$

Row 3:

3. $9 + 6x - 3$

1. $2(3x + 2)$

2. $3x + 2y + 3$

Equation Writing

● Check Understanding

$x = 3$; Possible work:

$$x + 4 = 7$$
$$x + 4 - 4 = 7 - 4$$
$$x = 3$$

ACTIVITY ANSWERS

Student equations and solutions will vary with the numbers rolled. Students should show an understanding of using the inverse operation to solve an equation for x.

●● Check Understanding

$x = 3$; Possible work:

$$2x = 6$$
$$\frac{2x}{2} = \frac{6}{2}$$
$$x = 3$$

ACTIVITY ANSWERS

Student equations and solutions will vary with the numbers rolled. Students should show an understanding of using the inverse operation to solve an equation for x.

●●● Check Understanding

$x = 17$; Possible work:

$$\frac{1}{3}x = 2 + 3\frac{2}{3}$$
$$\frac{1}{3}x \div \frac{1}{3} = 5\frac{2}{3} \div \frac{1}{3}$$
$$x = \frac{17}{3} \cdot 3$$
$$x = 17$$

ACTIVITY ANSWERS

Student equations and solutions will vary with the numbers rolled. Students should show an understanding of combining like terms and using the inverse operation to solve an equation for x.