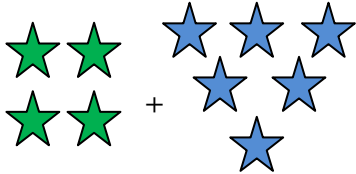Name: _____   Date _____

Topic : *Visual Expressions-Worksheet 1*
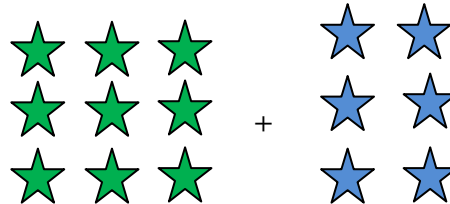Write the numerical expression for the models.

Let one green star equal +2 and one blue star equal -2.
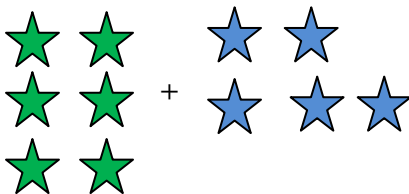
1.

2.

3.

4.

5.

6.

7. Use a number line to solve the equation. 15 + (-10)

8. What integer is represented by 30 positive tiles and 10 negative tiles?

9. Use a number line to solve the equation. 5 - (-5)

10. What integer is represented by 80 positive tiles and 30 negative tiles?
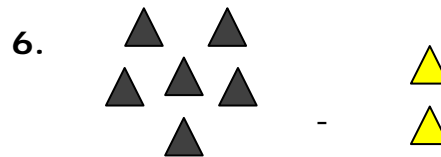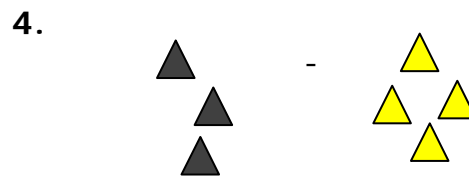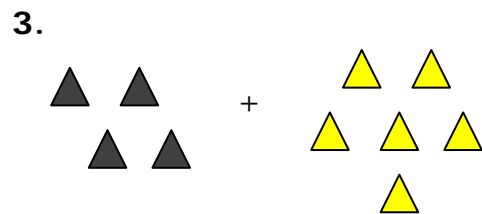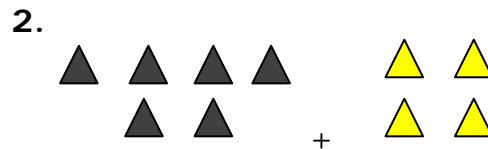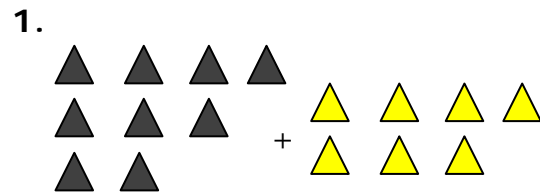
Name: _____   Date _____

Topic : *Visual Expressions-Worksheet 2*
Write the numerical expression for the models.

Let one black triangle equal +1 and one yellow triangle equal -2.

1.

▲ ▲ ▲ ▲
▲ ▲ ▲   +   △ △ △ △
▲ ▲   △ △ △

2.

▲ ▲ ▲ ▲   △ △
▲ ▲   +   △ △

3.

▲ ▲   △ △
▲ ▲   +   △ △ △
          △

4.

▲   -   △
▲ ▲   △ △
▲   △

5.

▲ ▲
▲   +   △

6.

▲ ▲
▲ ▲ ▲   △
▲   -   △

7. Use a number line to solve the equation. 13 + (-7)

8. What integer is represented by 40 positive triangles and 25 negative triangles?

9. Use a number line to solve the equation. 9 - (-5)

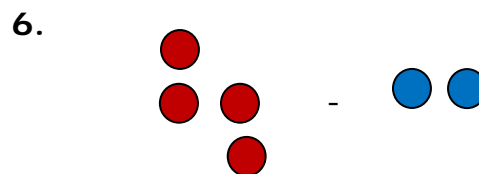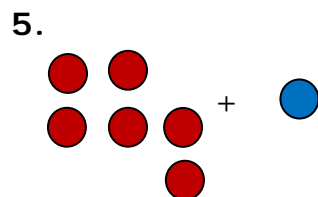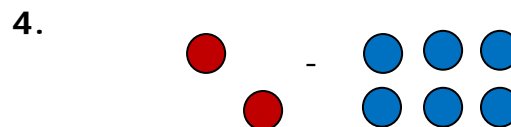**10.** What integer is represented by 60 positive triangles and 20 negative triangles?
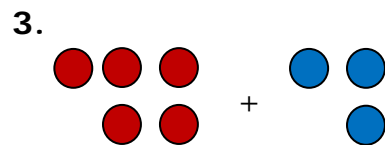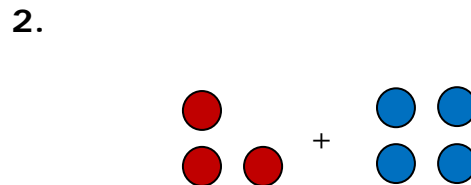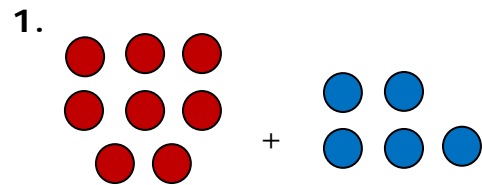
Name: _____   Date _____

Topic : *Visual Expressions-Worksheet 3*
Write the numerical expression for the models.

Let one red circle equal +2 and one blue circle equal -1.

1.

2.

3.

4.

5.

6.

7. Use a number line to solve the equation. 8 + (-2)

8. What integer is represented by 85 positive triangles and 35 negative triangles?

9. Use a number line to solve the equation. 7 - (-5)

10. What integer is represented by 55 positive triangles and 25 negative triangles?
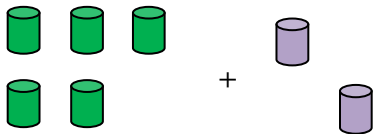
Name: _____   Date _____
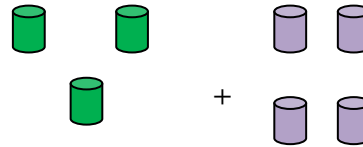
Topic : *Visual Expressions-Worksheet 4*
Write the numerical expression for the models.

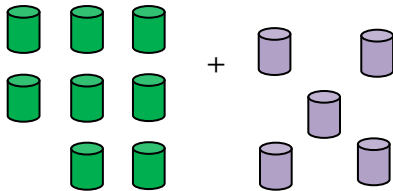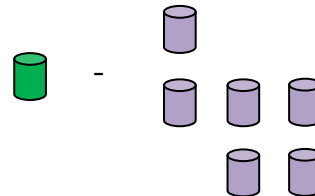Let one green can equal +3 and one purple can equal -2.
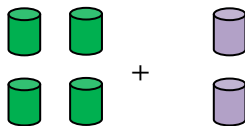
1.

2.

3.

4.

5.

6.

7. Use a number line to solve the equation. 5 + (-2)

8. What integer is represented by 90 positive triangles and 18 negative triangles?

9. Use a number line to solve the equation. 10 - (-1)

10. What integer is represented by 78 positive triangles and 28 negative triangles?
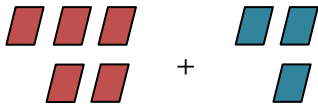
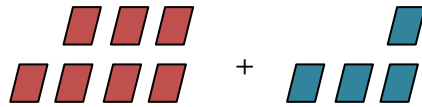Name: _____   Date _____

Topic: *Visual Expressions-Worksheet 5*
Write the numerical expression for the models.
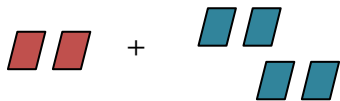
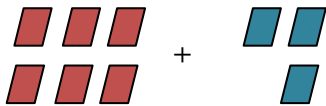Let one red can equal +2 and one blue can equal -3.

1.

 +

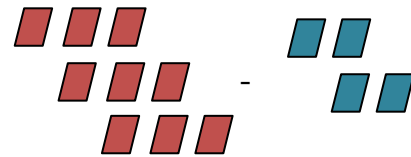**2.**

 +

3.

 +

4.

 -

5.

 +

6.

 -

7. Use a number line to solve the equation. 15 + (-7)

8. What integer is represented by 44 positive triangles and 20 negative triangles?

9. Use a number line to solve the equation. 13 - (-2)

10. What integer is represented by 57 positive triangles and 22 negative triangles?