**MONDAY**

1. Which expression is equivalent to -15x + 39?

A -3(5x – 13) B -3(5x + 13) C 3(5x – 13) D 3(5x + 13)

2. Which event has a 50% chance of occurring?

A rolling a 2 on a number cube

B rolling a number less than a 5 on a number cube

C spinning a blue with a spinner that has blue, yellow, red

D rolling a number greater than 3 on a number cube

3. The temperature at 6:00 am was – 12. The temperature increased by ½ degrees each hour for 6 hours. What was the temperature after 6 hours?

4. Determine the mean of: 55, 83, 23, 11, 45, 4, 23, 45

**TUESDAY**

1. Which expression is equivalent to -5(m – 2)

A -5m – 10 B -5m – 7

C -5m + 10 D -5m + 7

2. Which event is most likely to occur?

A spinning a blue with a spinner that has blue, yellow, red

B flipping a heads on a coin

C rolling a 6 on a number cube

D rolling a number greater than 2 on a number cube

3. The temperature outside as -8 degrees. If the temperature dropped by ½ a degree each hour, what would the temperature be after 6 hours?

4. Determine the mean of: 4.5, 3.75, 2.87, 1.5, 5, 4.75

**WEDNESDAY**

1. Which expression is equivalent to -5a + 6b – 12b – 6a

A -11a – 6b B 11a + 18b

C -11a + 18b D 11a – 6b

2. Ashley will roll a fair number cube labeled 1-6. What is the probability that she will roll a number greater than 4?

A 2/3 B 1/3 C ½ D 1/6

3. The temperature outside is 2 degrees. If the temperature drops 2 degrees an hour, what will the temperature be after 8 hours?

4. Determine the mean of: 831, 344, 699, 866, 754, 912, 361, 193

**THURSDAY**

1. Which expression is equivalent to 8a – 12a + 6x – 4x

A 8ax B 4a + 10x

C -4a + 10x D 2x – 4a

2. Lisa has a bag of 30 beads to make jewelry

- There are an equal number of orange, green and blue beads

- Lisa chooses a bead at random from the bag

What is the probability that she will choose a green marble?

A 2/3 B 1/3

C ½ D 4/30

3. The temperature in Cleveland was -1 degrees at 6 am. If the temperature increased by 3 degrees an hour, what will the temperature be at 10:00 am?

4. Determine the mean of: 65, 82, 12, 76, 59, 82, 21, 12, 54, 34

**FRIDAY**

1.Which expression is equivalent to: -4(x + 3)

A -4x + 12 B -4x – 1

C -4x – 12 D -4x + 1

2. Sean has a jar with 4 red marbles, 3 blue marbles and 5 black marbles. What is the probability that he randomly chooses a blue marble?

A 1/3 B 3/11

C ¾ D ¼

3. The temperature outside was -2 degrees. If the temperature dropped by ½ of a degree every hour for 6 hours, what will the temperature be after 6 hours?

4. Determine the mean of: 43, 32, 56, 65, 44, 87, 67, 98, 91, 37