**Midterm Stations Answers**

**Station 1**

1) All Real Numbers

2) r = 4/3

3) No solution

4) x = -45

5) x = -2

**Station 2**

1) Undefined slope

2) b = 3

3) m = -1

4) x – 2y = -10

5) Vertical line at 3

**Station 3**

1) m = 1/3

2) m = undefined

3) 17 degrees/6 hours 🡪 2.833 degrees/hour

4) y – 7 = -2 (x + 2)

5) 2x – 3y = -24

**Station 4**

1) 54 inches

2) 2640 feet per minute

3) y = 10

4) x = 8

5) 6 tickets for $66

**Station 5**

1) 2A/h = b

2) 

3) 3x – 10

4) Neither

5) 31.25 documents per hour