

MTH 135 TEST 5 SOLUTION SHEET

I.

1. $\frac{3x+1}{x}$

2. $\frac{xy(x+3)}{2(x-1)}$

3. $a+b$

4. $\frac{x-2}{3x+1}$

5. $1 + \frac{1}{x}$

II.

1. $x = 3$

2. $x = \frac{2w}{14w-7y}$

3. $x = -9$

4. $x = \frac{5-y}{7}$

5. no solution

6. $x = yz - 3$

7. no solution

III. less than 12 hours

- IV.
1. 40 m.p.h.
 2. 60 feet
 3. $3\frac{1}{3}$ hours