

p 37: 1-7 pg 136: 1-6, 9

1. (3, 4)

2. (-9, 1.5)

3. (5.5, 5.5)

4. (-6, 44)

5. yes.

6. (3, 2) & (6, 4)

7. MP of each half

1. -2

2. $-\frac{12}{13}$

3. $\frac{97}{46} \approx 2.1$

4. $y = 23$

5. $x = 4$

6. $(3a, -4b)$

$(6, -8), (9, -12) \dots$
 $(-3, 4), (-9, 12) \dots$

9. 100% grade = 45°

Warm-up find Slope & Midpoint

$(5, 2)$ pt1 $(-6, 6)$ pt2

$$m = \frac{6-2}{-6-5} = \frac{4}{-11}$$

$$MP = \left(\frac{5+(-6)}{2}, \frac{2+6}{2} \right)$$

$$= \left(-\frac{1}{2}, 4 \right)$$

9. $100\% = \frac{100}{100}$

