

Unit 2: Test Review

1. $D = 5, 6, 7, 8$

$R = 5, 6, 7, 8$

YES

2. $D = -2, -1, 3, 5$

$R = -1, 0, 4$

YES

3. $D: -4 \leq x < 1$

$R: -3 < y \leq 5$

YES

4. $D: x \geq -3$

$R: \mathbb{R}$

NO

5. 86

6. $-\frac{8}{3}$

7. -14

8. $x^2 + 5$

9. -13

10. -10, 16

11. $2x + 3y = 9$

12. $5x + 6y = -8$

19) $y = -2x - 13$

20) $y = \frac{3}{4}x + \frac{9}{4}$

21) \$ 287,200

22) 7 Questions

23) a) $y = -2161.54x +$

28437.19

b) 11,144.87 ft

c) 13 min

24) $(-2, -5)$

25) Infinite soln.

26) $(1, -1)$

27) $(-4, -9)$

28) $(6, 2)$

29) NO Soln.

30) Quarters = 16

Nickels = 27

31) Each Pencil = \$ 0.179

32) $(8, 0, -3)$

33 - 37 - check in
class

13 & 14 - check in class

15. Answers may vary

16. Answers may vary

17 & 18 - check in class