Day 55

1. Opener

a) Graph: $x - 2y < 8$

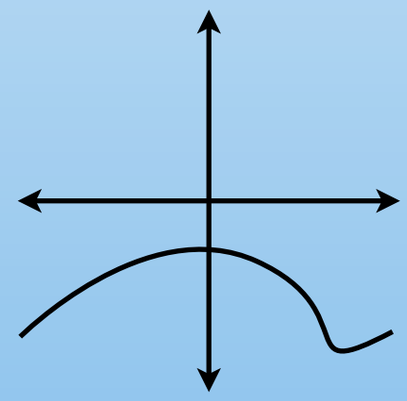
$$y \leq \frac{1}{2}x + 5$$

b) Simplify: $(3ab^2)^5(4a^3b^{-4})^{-2} =$

$$\left(\frac{3x}{9}\right)^{-2} =$$

c) Are these functions? Why or why not?

Domain	Range
1	8
2	9
3	10
1	



d) What is the only word in the English language that ends in -mt?

y

5. Homework

Practice

$$\left(\frac{4z^2}{8z}\right)^3$$

Challenge

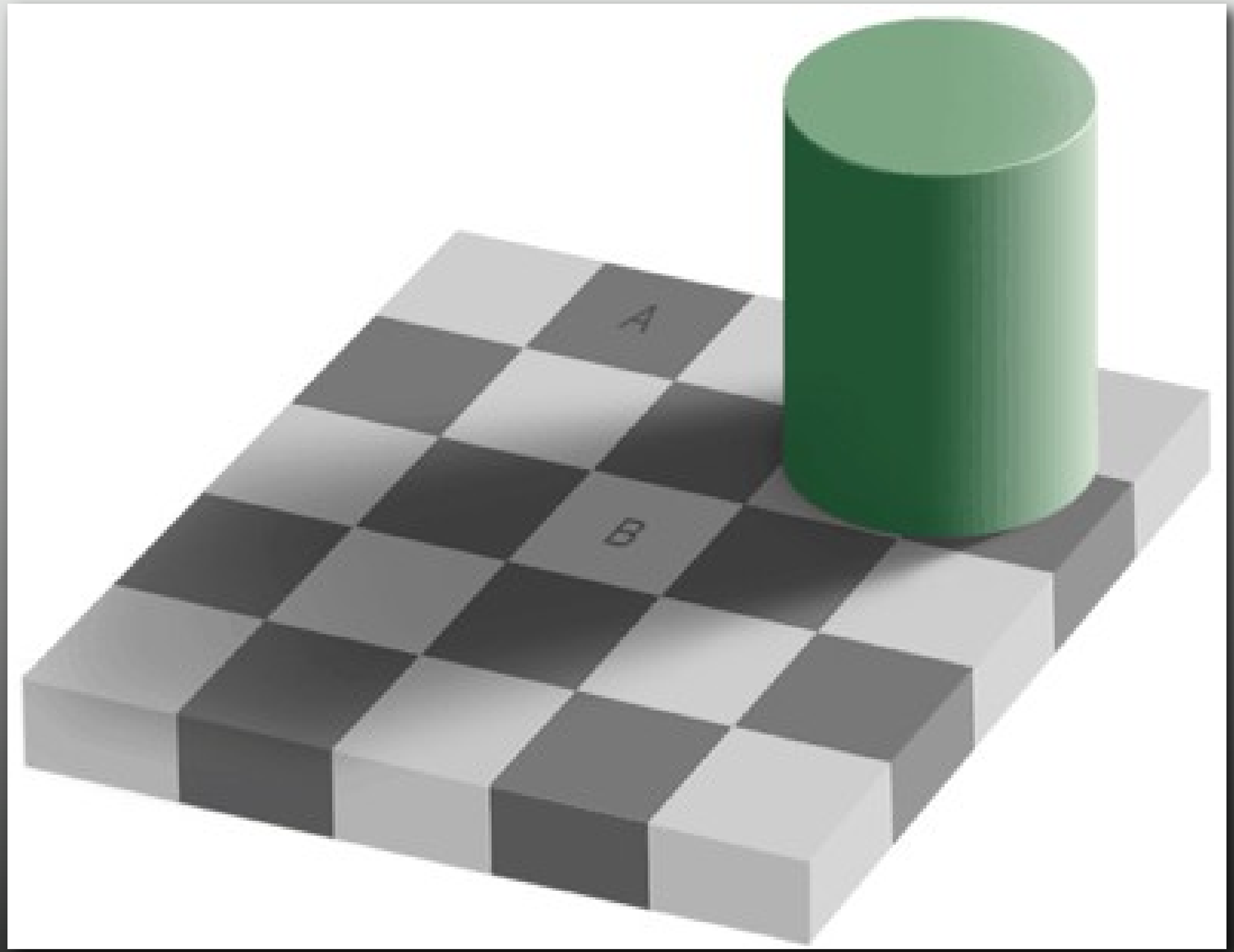
$$\left(\frac{4z^2}{8z}\right)^{-3}$$

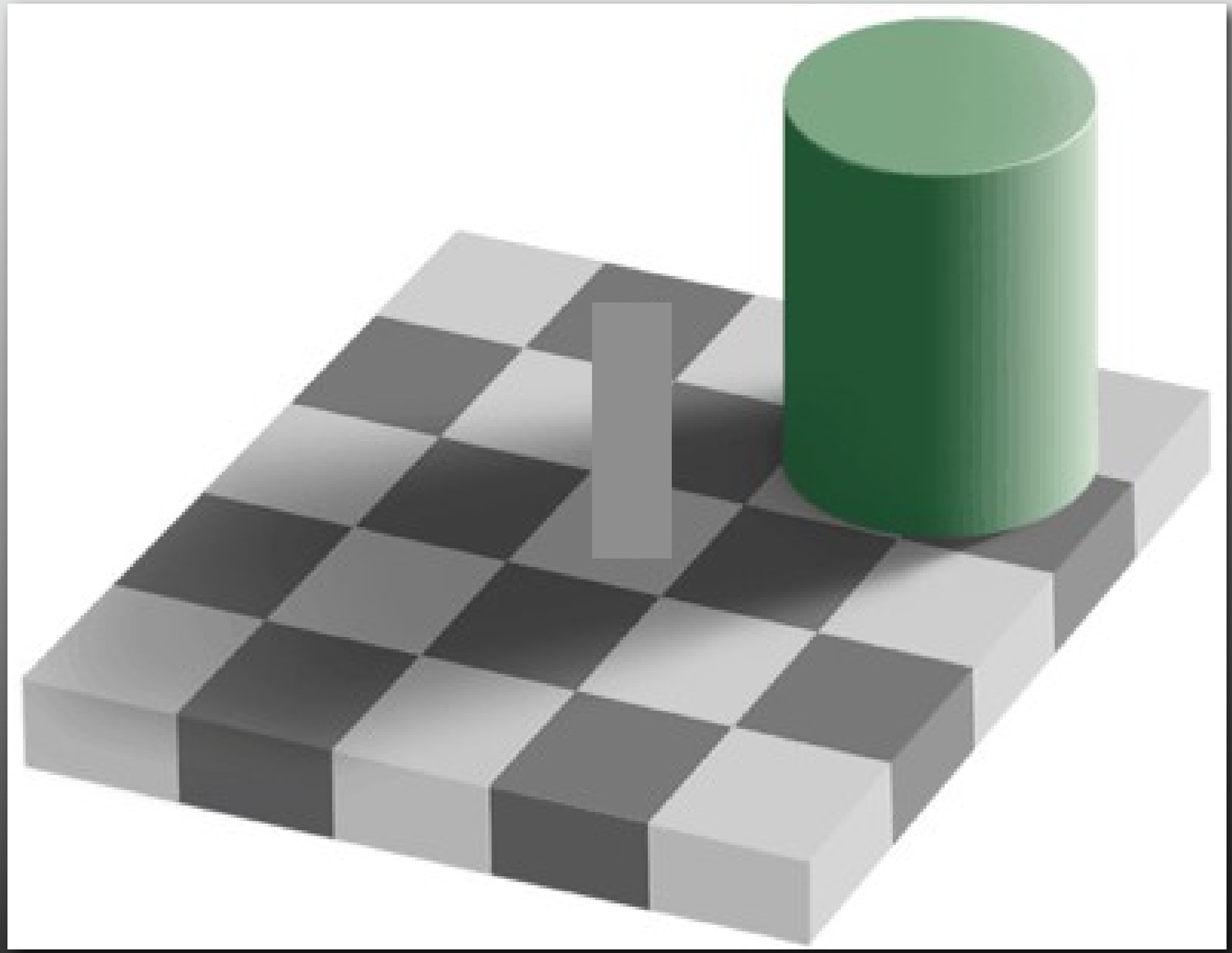
Wednesday, 1/27/09:

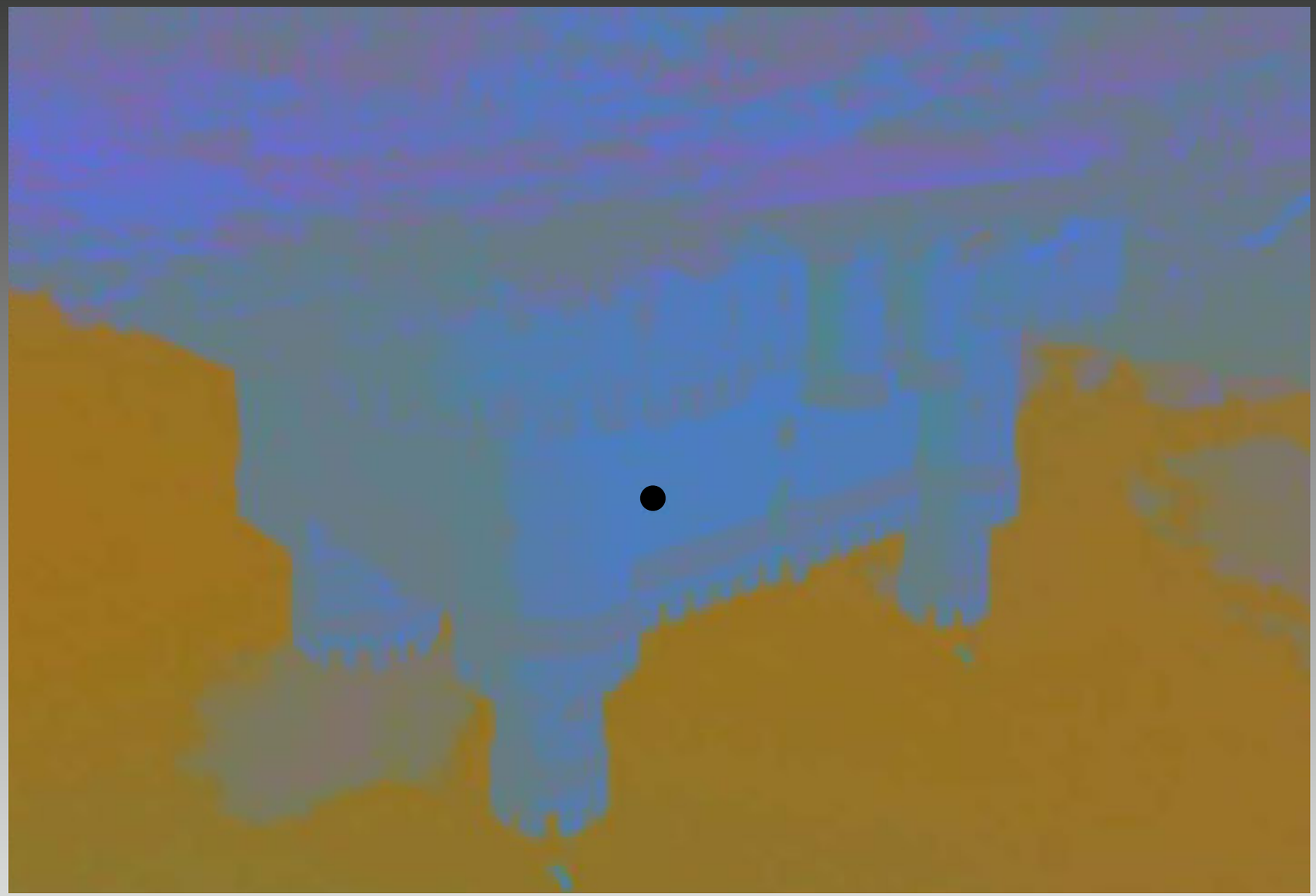
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	AVG
Fourth	**32**	47	**63**													**47**
Sixth	29	**81**	24													44

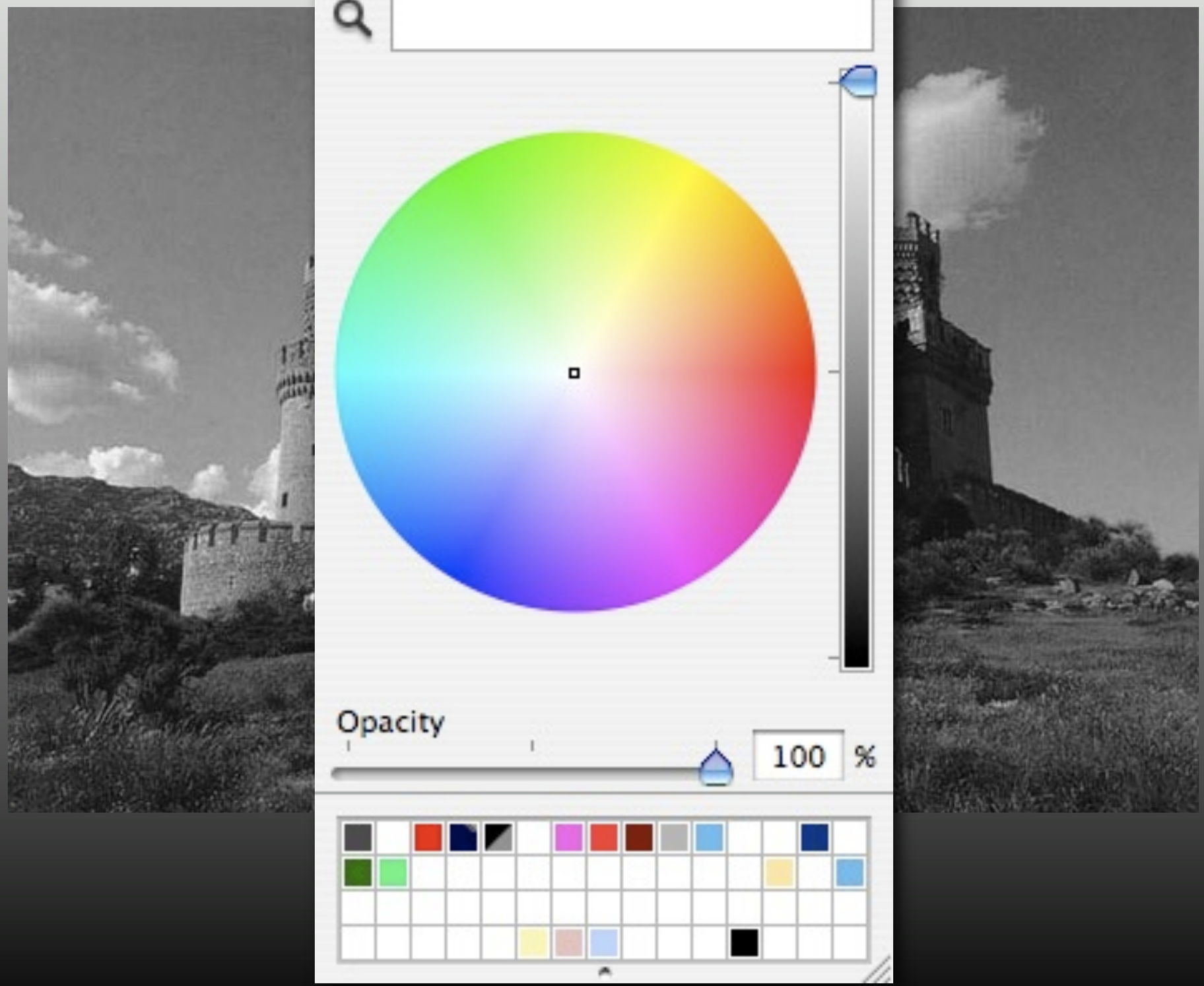
Wednesday, 2/11/09:

	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	AVG
Fourth	**65**	70	**60**													**65**
Sixth	38	**90**	33													54


A
B






Colors
Opacity
100
%

3. Basketball

1. Simplify:

$$\left(\frac{2m^5}{m^2}\right)^{-4}$$

3. Basketball

2. Simplify:

$$\left(\frac{n^4 n}{n^{-2}}\right)^{-4}$$

3. Basketball

3. Simplify:

$$\left(\frac{2ab^6}{a^3b}\right)^{-2}$$

3. Basketball

4. Simplify:

$$\left(\frac{(-3)^2}{(-2)^3}\right)^2$$

3. Basketball

taxes

3. Basketball

at some inn

3. Basketball

rains hemp hew

3. Basketball

5. Which of these is not a function? Why?

A. {(2, -1), (3, -1), (5, -1), (9, -1)}

B. {(1, 2), (3, 4), (1, 4), (3, 5)}

C. {(3, 4), (.5, -3), (-2, 4), (-5, 7)}

D. {(0, 0), (-1, -1), (-2, -3), (1, 4)}

3. Basketball

6. Evaluate: $3a^2$ for a = 5.1×10^{-5}

3. Basketball

7. If the domain is {2, 3, 4, 5} and the function is y = -2x +1, then what is the range?

3. Basketball

8. Evaluate: b^3 for b = -2.3×10^7

3. Basketball

air fold

3. Basketball

a rank ass

3. Basketball

madly ran

carnal, honor it

3. Basketball

carnal, honor it

3. Basketball

9. Write an equivalent expression using only one exponent:

$$m^4 n^4$$

3. Basketball

10. Write an equivalent expression using only one exponent:

$$\left(a^5\right)\left(b^5\right)\left(a^0\right)$$

3. Basketball

11. Write an equivalent expression using only one exponent:

$$49x^2y^2z^2$$

3. Basketball

12. Write an equivalent expression using only one exponent:

$$\frac{12x^2}{3y^2}$$

a nanny pelvis

3. Basketball

a nanny pelvis

hating snow

3. Basketball

hating snow

facial iron

3. Basketball

facial iron

scions win

3. Basketball

scions win

4. Break

4. Break

5. Show and Tell

6. Classwork

6. Classwork

pg. 361 // #6 - 17 (choose 8)

6. Classwork

pg. 361 // #6 - 17 (choose 8)
pg. 362 // #26 - 33 (choose 8)

6. Classwork

pg. 361 // #6 - 17 (choose 8)
pg. 362 // #26 - 33 (choose 8)
pg. 362 // #43 - 54 (choose 8)

6. Classwork

pg. 361 // #6 - 17 (choose 8)
pg. 362 // #26 - 33 (choose 8)
pg. 362 // #43 - 54 (choose 8)
pg. 363 // #68 - 79 (choose 8)

6. Classwork

pg. 361 // #6 - 17 (choose 8)
pg. 362 // #26 - 33 (choose 8)
pg. 362 // #43 - 54 (choose 8)
pg. 363 // #68 - 79 (choose 8)
pg. 363 // #94 - 105 (choose 8)

6. Classwork

pg. 361 // #6 - 17 (choose 8)
pg. 362 // #26 - 33 (choose 8)
pg. 362 // #43 - 54 (choose 8)
pg. 363 // #68 - 79 (choose 8)
pg. 363 // #94 - 105 (choose 8)

7. Graphing Stories