

1. Solve the equation.

$$44 = -2w$$

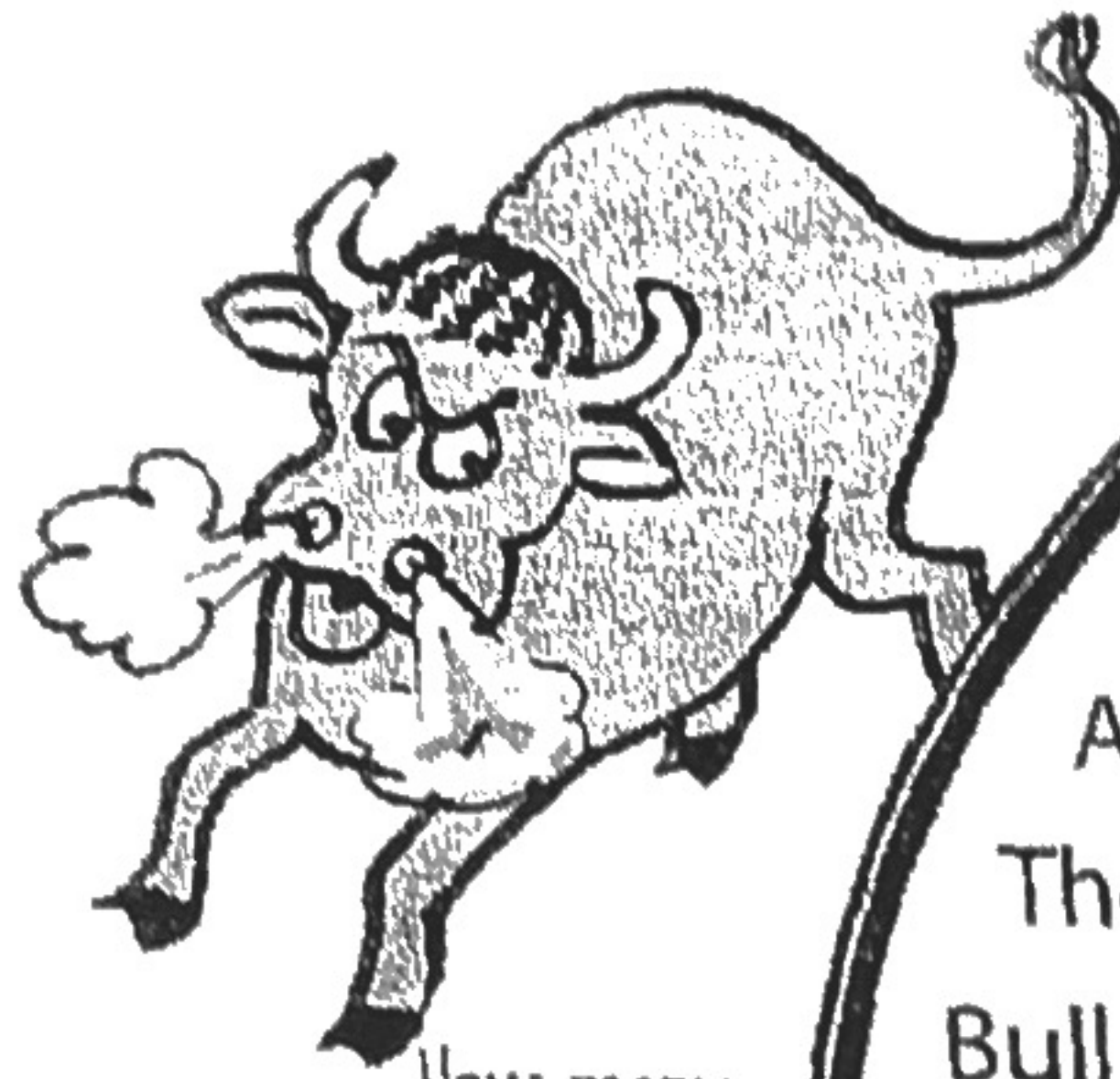
2. There are eight black bulls, nine brown bulls, and one white bull in the pen. One bull is released.

- a. What is the probability that it will be a black bull?
- b. What is the probability that it will not be white?

3. Which operation should be done first?

$$2(3 - 5) + 12 =$$

4. How many edges are on a cylinder?



How many matadors will I beat today?

Event	Time: min/sec
The presidente enters his box.....	1:14
Trumpet blows a fanfare.....	0:49
Alguaciles get the key to the toril.....	1:38
The paseo - parade of matadors.....	3:55
Bull enters.....	1:10
Banderilleros get bull to charge.....	2:40
Matador makes six passes.....	4:12
Picadors lance the bull.....	3:30
Banderilleros place banderillas in bull's neck.....	3:52
Matador performs passes with muleta.....	6:13
Matador kills the bull.....	0:47
Crowd cheers.....	2:15

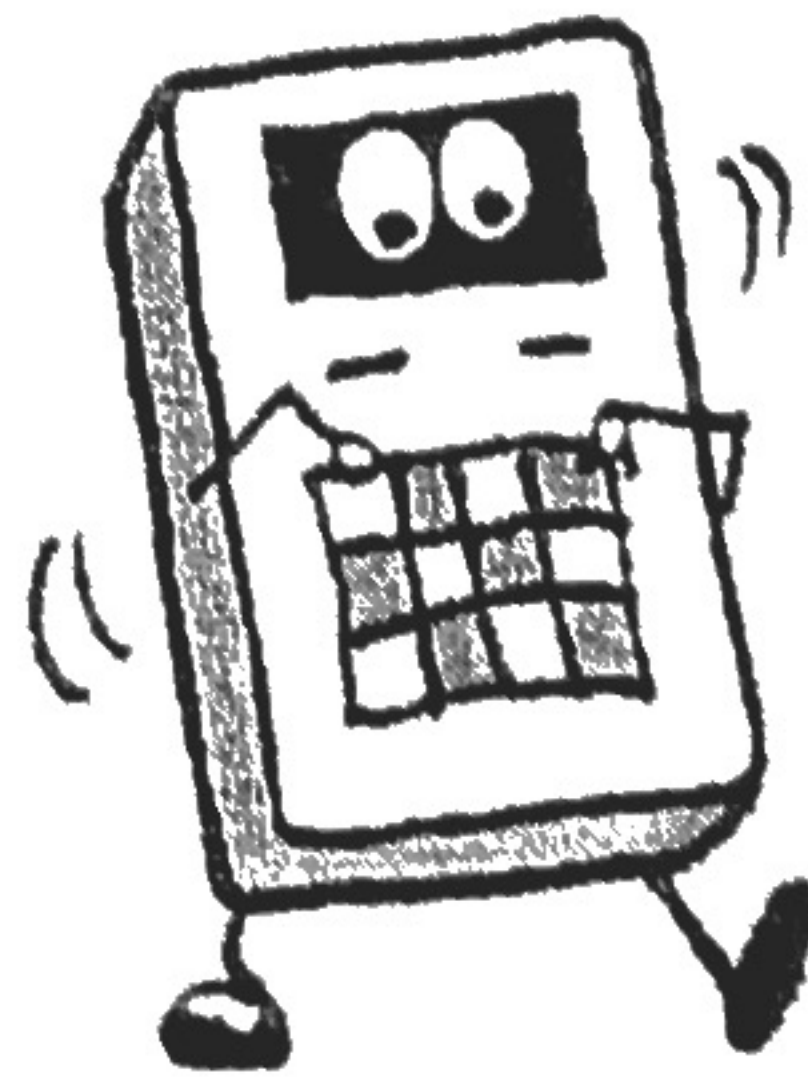
1. Which fractions are in **lowest terms**?

- $\frac{6}{9}$ $\frac{3}{5}$ $\frac{5}{15}$
- $\frac{12}{4}$ $\frac{7}{12}$ $\frac{4}{5}$

2. How many **variables** are in this expression?

$$3b + 4c + 2b^2$$

Let me calculate that.



3. Compute: $0.743 + 4.26 =$

4. One bullring (a perfect circle) has a 55-yard diameter. What is its area?

Area of a circle = πr^2

5. Is this a problem that can be solved?

Bullfighting arenas have a wooden fence separating the ring from the spectator area. One arena has a ring that is 150 feet in diameter. The fence around it is five feet tall.

- a. What is the length of the fence that surrounds the ring?
- b. What is the area of the fence?

1. Which simplified equation is correct?

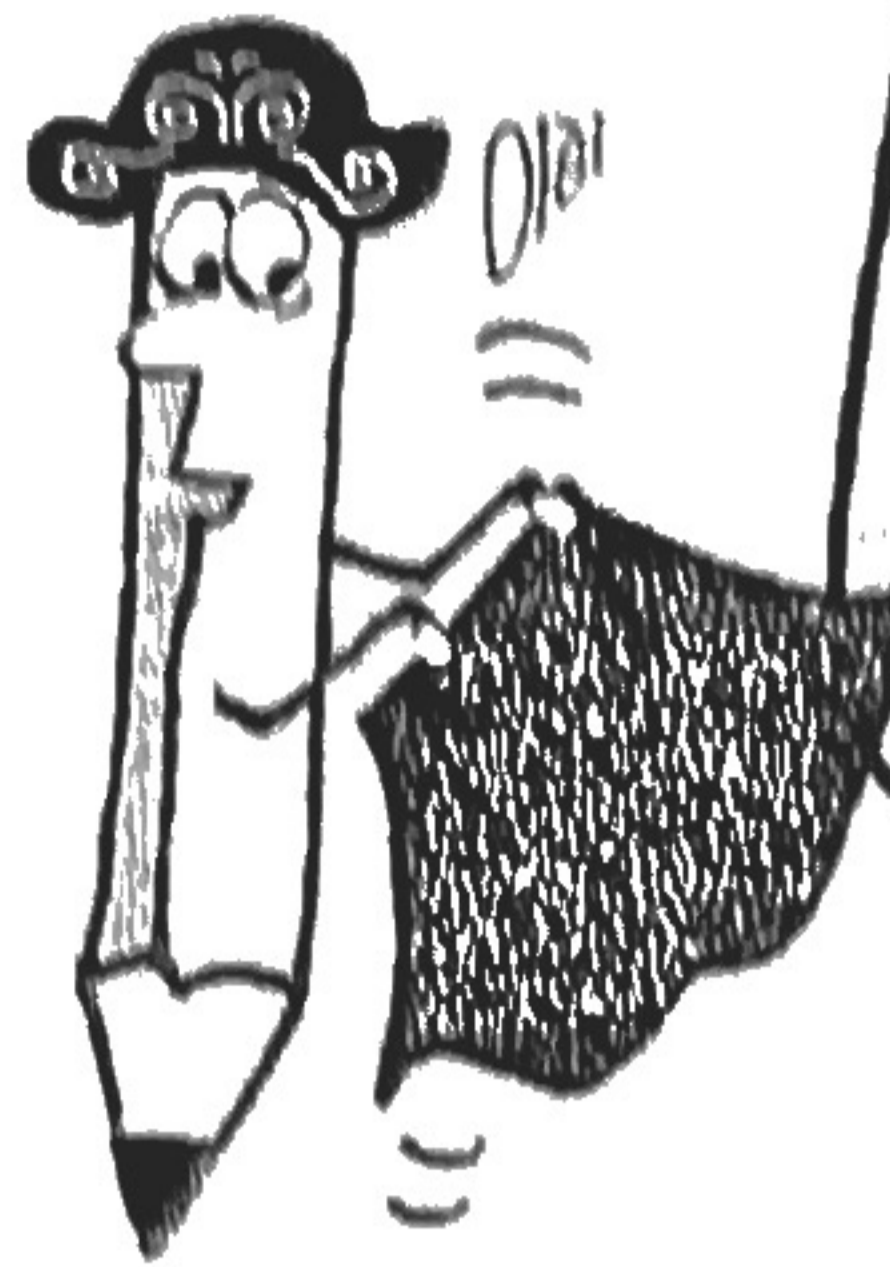
$$6n + 3n^2 - n + 6 = 48$$

- a. $8n^2 + 6 = 48$
- b. $5n + 3n^2 = 42$
- c. $17n = 42$
- d. $8n^2 = 42$

2. The Plaxa de Toras Monumental in Mexico City, the world's largest bullring, holds 55,000. Santo estimates that the bullring must have 366 sections of 150 seats. Are his calculations correct?

3. Compute: $-65 \times -13 =$

4. Find the **mode** of this set of data.



36	18	22	19	24
19	23	27	26	33
20	32	23	30	35
23	34	28	31	23

5. Draw two different trapezoids.

1. List the common factors of **60** and **45**.

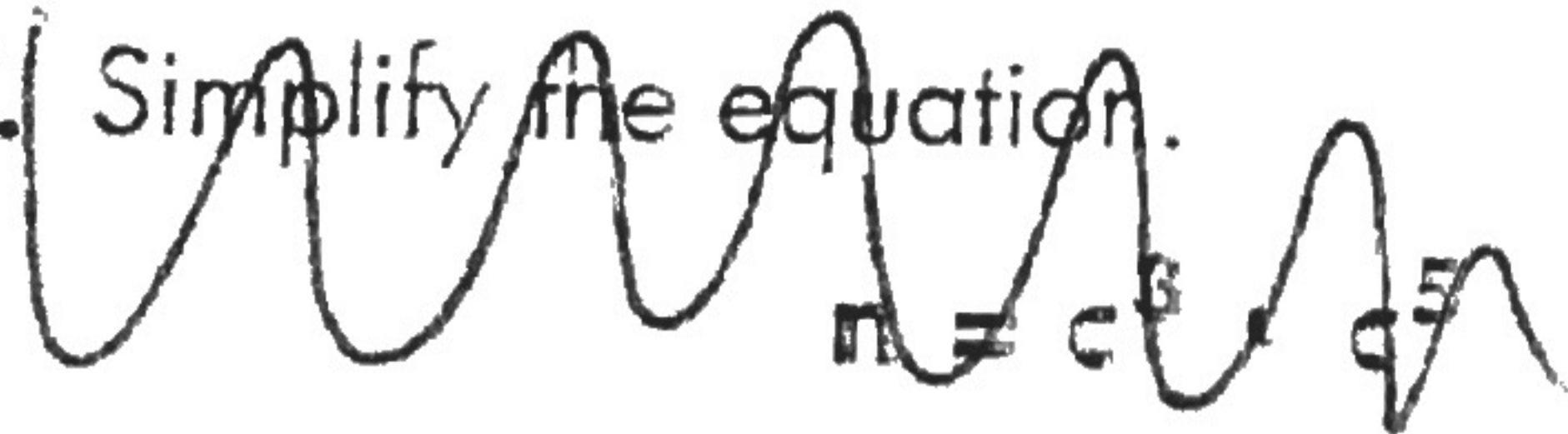
Circle the **greatest common factor**.

2. Fill in the missing operation.

$$\frac{7}{3} \square \frac{5}{9} = 4\frac{1}{5}$$

3. What unit or units would be good choices for measuring the weight of the ring in the bull's nose?

4. Simplify the equation.








$$n = c^3 + c^5$$

5. What generalization about Eduardo's career can you make from the data on the graph?



Eduardo's Successful Bullfights

2002	
2003	
2004	
2005	
2006	

 = ten bullfights