

# Farm Animals

Using the prices below, find a way to buy exactly 100 animals with exactly \$100. You must buy at least one of each animal.

Cows: \$10 each

Pigs: \$3 each

Chickens: \$.50 each



## 9/23 Division with Integers

Use integer counters to show:

$$8 \div 2$$



$$-12 \div 3$$

**Division and Multiplication are inverse operations**

*so you can rewrite divide equations as multiply equations.*

$$8 \div 2 = 4$$

$$-12 \div 3 = -4$$

**Look at the signs - what are the rules for dividing integers?**

(Discuss with your partner)

$$+ \div + =$$

$$+ \div - =$$

$$- \div + =$$

$$- \div - =$$

## On Your Own

Divide.

1.  $14 \div 2$

2.  $-32 \div (-4)$

3.  $-40 \div (-8)$

4.  $0 \div (-6)$

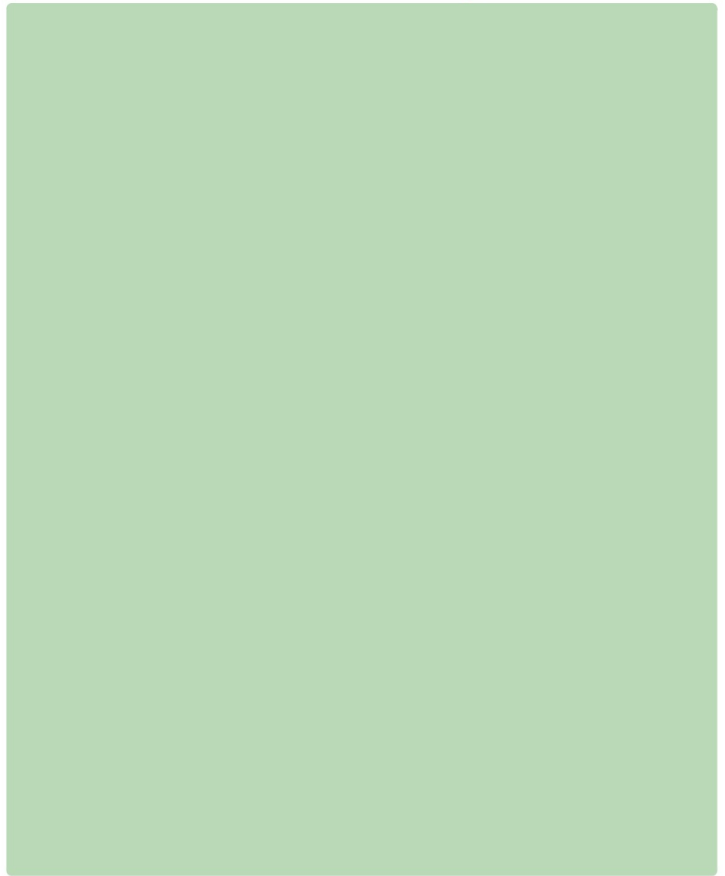
5.  $\frac{-49}{7}$

6.  $\frac{21}{-3}$

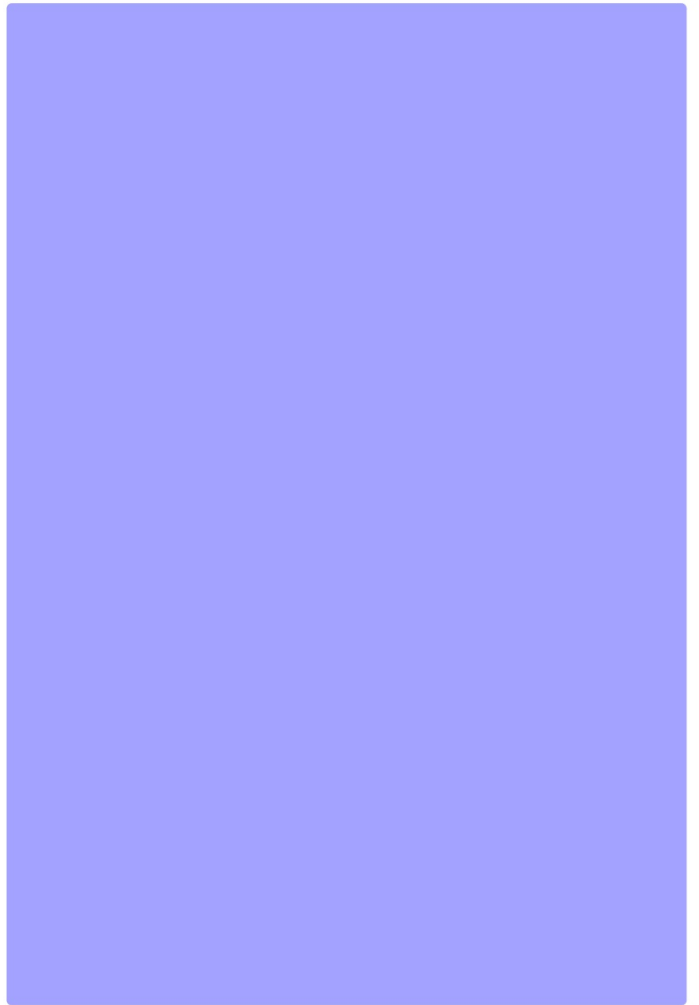
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Now some harder ones. Remember to use the Order of Operations!!

$$-4 \cdot \frac{18}{-3}$$



$$-5 \cdot \left(\frac{10}{-5}\right)^3$$



What does *mean* mean?





**Homework**

**Due**