Name: _____
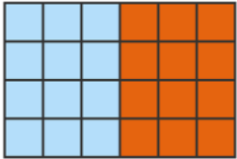
<u>TIME TO INVESTIGATE!</u> Show your work for each question and circle your answer. This is due by Friday, May 20th (10 points)

1. -14 - (- 6)	2. **12 ÷ - 4**
3. **4$\frac{1}{4}$ + $\frac{4}{12}$**	4. **12 ÷ $\frac{3}{4}$**
5. Write two equivalent fractions that represent the model. 	6. Susie bought a book at the book store for $12.50. If the sales tax is 5%, how much did Susie spend on the book including tax? Round to the nearest cent.
7. Which shows the commutative property? a) 4 • 53 • 5 = (4 • 53) • 5 b) 4 • 53 • 5 = 4 • (53 • 5) c) 4 • 53 • 5 = 53 • 4 • 5	8. What is the area of a triangle with a base of 14 in. and a height of 4in.? (hint use A = $\frac{1}{2}$bh)

9. What is the probability of choosing

R, S, or T from the set   (Q, R, S, T, U, V)?

(Answer needs to be in simplest form)

10. Write the fraction $\frac{140}{1000}$ in simplest form.