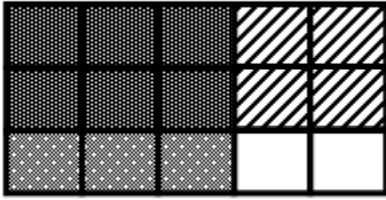


**6th Review #40 – WORK MUST BE SHOWN FOR EACH PROBLEM – NO CALCULATORS**

1. Write the equation being modeled.



2. Model the problem. Then solve the problem:

$$\frac{3}{4} \text{ of } \frac{2}{5} = ?$$

3. Model the problem; then solve.  
How many  $\frac{2}{3}$  are there in 4?

Name \_\_\_\_\_

4. Solve the following problem:

$$3 \bullet \frac{1}{4} = ?$$

5. Solve the following problem:

$$2 \frac{1}{2} \div \frac{1}{5} = ?$$

6. Solve the following problem:

$$\frac{3}{9} \bullet \frac{2}{3} = ?$$

**Adv. Review #40 (7<sup>th</sup> grade SOLs)**

***SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!***

**7. The highest recorded temperature in Texas is 120 degrees Fahrenheit. The lowest is -23 degrees Fahrenheit. What is the difference from the high temperature to the low temperature?**

**8.**  
Circle all the perfect squares:

|     |    |     |     |    |
|-----|----|-----|-----|----|
| 169 | 25 | 19  | 3   | 4  |
| 1   | 14 | 225 | 215 |    |
| 400 | 65 | 361 | 11  | 20 |

**9. Solve the following the rule:**

$$-927 + -613$$

**10. Model the following expression with counter chips (+, -); then solve.**

$$11 + -8$$