Estimating Percent with the Box Method

Directions:
Draw a picture for each situation, record your percent row and your numbers row, fill in the information from the problem and then estimate what the answer should be.

1. Michael scored 85% on his exam. If there were 30 questions on the exam, how many questions did he solve correctly?

2. What is 40% of 60?

3. 25 is 80% of what number?

4. Katie bought 20 pieces of fruit at the store. Oranges make up 10% of Katie's fruit. How many oranges did Katie buy at the store?

5. Carol has 24 solid-colored T-shirts. 6 of her shirts are green, What percent of Carol's shirts are green?

6. A store pays the manufacturer $20 for each toaster it buys. Then it sells the toasters at a 30% mark-up. How much profit does the store make on each toaster?