Name _____ **Date** _____

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Use the Read–Draw–Write process to solve each problem.

1. Tara has 15 state quarters and 10 silver dollars in her coin collection. After Tara's dad gives her more silver dollars, she finds that $\frac{1}{5}$ of her collection is state quarters. How many silver dollars did Tara's dad give her?
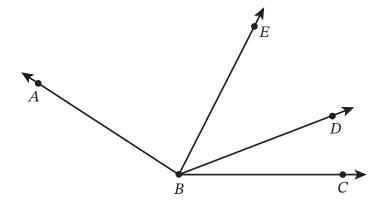
2. 270 muffins were made for a school bake sale. After $\frac{4}{5}$ of the muffins were sold, $\frac{1}{3}$ of the remaining muffins were given away. The rest of the muffins are shared equally between the 8 students working the bake sale. How many muffins does each student get?

3. The farmer cooks 6 carrots. The carrots that the farmer cooks is $\frac{1}{7}$ of his total carrots. The farmer gives $\frac{1}{2}$ of the remaining carrots to a neighbor. The rest of the carrots are divided equally among his 8 pet rabbits. How many carrots does each rabbit get?

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4. The measure of $\angle ABC$ is $147°$, and the angle is decomposed into smaller angles as shown. The measure of $\angle DBC$ is $\frac{1}{7}$ the measure of $\angle ABC$. The measure of $\angle EBD$ is $\frac{1}{3}$ the measure of $\angle ABD$. What is the measure of $\angle ABE$?