Use diagrams, picture representations, or manipulatives (not number sentences) to represent and solve the problems. Then write an equation that describes what you did in your diagram.

1. Julian and Zanab discovered that Maria bought a dozen cupcakes with chocolate frosting and sprinkles on them. When no one was looking, they ate the icing off  of the cupcakes. How many cupcakes did they “de-ice”?

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| Drawing: | Operation: |
| Equation: |

2. Dr. Avery’s office only has 12 milliliters (mls.) of flu vaccine left. Each dose requires  of a milliliter. How many people can she vaccinate before she runs out of the flu vaccine?

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| Drawing: | Operation: |
| Equation: |

1. Mina and Laylah were picking up their daughters from gymnastics camp. They had already driven 12 miles before they got stuck in traffic. Mina was upset, but Laylah said, “Well, at least we’re  of the way there!” How far was it from their home to camp?

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| Drawing: | Operation: |
| Equation: |

4. Omar had a box of 12 pretzel sticks in his lunch. He ate  of the pretzel sticks before lunch ended. How many pretzels were left in the box?

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| Drawing: | Operation: |
| Equation: |

1. Ahmad makes $12 an hour mowing lawns. How much will Ahmad earn if he works for  of an hour?

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| Drawing: | Operation: |
| Equation: |