



Recycling Dilemma Math Sheet

*One sunny summer day Jamie went to the local fair with his parents and two sisters. After hours of fun and rides Jamie's mom bought each of them a can of pop. Not seeing a receptacle for recycling nearby they all threw their pop cans in the garbage. On their way home they heard on the radio that attendance at the fair that day was 5200 people!
(1 pop can = 13g, 1kg of Aluminum = \$1.44 (as of September 2012))*

- 1. If every person at the fair that day bought a can of pop and threw it in the garbage how many cans went to landfill?**
- 2. How much aluminum was wasted at the fair that day?**
- 3. If these cans were put in recycling containers, how much could they have been sold for?**