



Problem of the Week

Problem A

Fund Raising

Room 9 is raising funds for a tree-planting charity by recycling electronics. They have found a local company that will give them \$1 for each pound of computer e-waste and \$2 for each pound of cell phone e-waste.

The school only has metric measuring tools. Here is what they have gathered to recycle:

Computers

- 6 Bonobo laptops: 800 g each
- 4 uPads: 600 g each
- 2 HomeBooks: 1.2 kg each

Cell Phones

- 2 uPhones: 375 g each
- 4 Mixel phones: 100 g each

Knowing that 1 pound is approximately 454 g, find an estimation of how much money Room 9 will make. Justify your answer.

