Real life long multiplication problems

1. A typist can type 54 words per minute on average.
    How many words can he type in 35 minutes?

2. Small chocolate eggs cost 43p each.
    Mrs Owen wants to buy an egg for each of her class of 28 students.
    How much will this cost her? *(hint: in pence first then change to pounds)*

3. At a school fair, cups of tea were 32p each. The school sold 634 cups.
    a. How much money did they take? *(hint: in pence first then change to pounds)*
    b. The school used plastic cups which came in packs of 25.
        They bought 27 packs. How many cups were left over?

4. A cinema has 37 rows of seats. Each row contains 43 seats.
    a. How many people can sit in the cinema altogether?
    b. There were 1437 customers one night who each paid £24.
        What was the total cost?

5. A first class stamp costs 28p and a second class stamp costs 19p.
    How much does it cost in total to send 63 letters first class and 78 letters
    second class? *(hint: in pence first then change to pounds)*

6. The label on the side of a cereal box says there are 66 grams of
    carbohydrate in a 100g of cereal. How many grams of carbohydrate will Dan
    consume if he eats the whole box which has 1500 grams of cereal?

7. A school orders 847 boxes each containing 255 sheets of paper. How many
    sheets of paper are ordered in total?

Answers

1. 1,890 words

2. 1204p = £12.04

3. a) 20288p = £202.88   b) 41 cups left over

4 a) 1,591   b) £34,488

5. 3246p = £32.46

6. 990g

7. 215,985 sheets