LESSON 5 PROBLEM SOLVING 1

RESOURCE SHEET 5.1

1. Boat hire costs £2.50 for 1 hour. How much does it cost to hire a boat for 3 hours?

2. Plants are sold in trays of 20. If you buy 7 trays of plants, how many plants is this?

3. There are 36 children on a bus. That is 10 more than yesterday. How many children were on the bus yesterday?

4. Plants are sold in trays of 20. If you wanted to buy 240 plants, how many trays would you need to buy?

5. Crisps cost 25p for a small packet, and 42p for a large packet. Nigel buys 3 large packets and pays with a five pound note. How much change will he get?

6. Roy's mobile phone cost 15p, 25p or 40p per minute depending on the time of day. His monthly bill comes to £146. He also pays £27.50 per month in rental charges. How much would a call of 1 hour cost at the most expensive rate?

7. A matchbox is exactly 11.5 cm long. A table is 1.5 m long. How many matchboxes can be placed end to end along the table?

8. Chicken must be cooked for 50 minutes for every kg. An oven needs to be on for 30 minutes to reach the correct temperature. How long must the oven be on for to cook a chicken weighing 3.5 kg?

9. Number 59 buses leave the bus station at 9.10 a.m. and every 20 minutes thereafter. How many buses will leave the station between 9.20 a.m. and 11.55 a.m.?

10. A box contains 39 eggs. If the eggs are in trays of 6, how many trays are full?