

Mobile Phones in the UK

One of the world's mobile phone manufacturers makes 10 new phones every second...

1) How many mobile phones does this manufacturer make in:

- a) a minute? _____ = _____
- b) an hour ? _____ = _____
- c) a day ? _____ = _____
- c) a year ? _____ = _____

In the UK alone, there are estimated to be 40 million mobile phone users.

2) If all these users had this same make of phone, how many days would it take the manufacturer to make all the phones needed in the UK?

3) If just 5% of the UK mobile phone users replace their phone this year, how many old and unwanted phones will be created?

4) If these unwanted phones were sold to the recycling company for £2 each, how much money would be raised?

5) If these unwanted phones were sold to the recycling company for £20 each, how much money would be raised?

As part of your recycling scheme, your school has collected these mobile phones:

Type	Quantity	Value	Sub Total
6) Cheapo old phones	25	£ 2.00	
7) Average phones	120	£10.00	
8) Hi-Tech shiny phones	35	£20.00	

9) What would be the total money raised through the recycling scheme?
