1. A teacher asks some children to organise a box of 63 quoits by hanging them up in groups of 5 on some hooks. How many hooks does the teacher need to put up?

2. Forty-six pieces of apple are shared equally between 3 children. How many pieces of apple are left over?

3. In a school, there are 5 classes. 243 packs of sticky notes need to be shared equally between the classes. How many packs of sticky notes can be given fairly to each class?

4. A group of 145 dancers are organised into groups of 6. How many full groups of six can be created?
   a. How could the dance teacher make sure that no one gets left on their own?

5. A tyre factory sells £2458 worth of car tyres every day. If 8 garages all purchase the same amount of tyres. How much do they each have to pay?

6. Bananas imported on large ships from Fiji cost on average £627 per 4 tonnes. How much does 1 tonne of bananas cost to buy?
Answers:

1) The number of hooks required is 13 at you must round up to make sure every quoit can be placed on a hook.
2) There is 1 piece of apple left over.
3) Each class receives 48 packs of sticky notes. There are 3 left which cannot be shared fairly between the classes. *Maybe the head teacher can keep these ones!*
4) A. 24 full groups of dancers can be made.
   B. Ideas such as...
   - making one into a group of 7
   - making all groups smaller such as changing into 5’s
   - Have uneven groups where no dancer in on their own
5) Each garage spends £307.25. They must pay the exact amount so a decimal is required rather than a remainder.
6) Bananas cost £156.75 per tonne. You must use a decimal answer to get an exact amount of money.