

Wednesday Division with remainders

Reasoning

- 1) Dad splits £1164 between his 8 children. He only gives them £145 each because he can't give each child a decimal part. Is he right? Why?
- 2) Mrs Teal has to order coaches which hold 70 people to take the whole school on a field trip. There are 234 people going. She calculates $234 \div 70$ and declares she needs 3.34 coaches. Is she right? How many will she need?

Problem Solving

- 1) There were 24 tanks of waters at the ice-lolly factory. The manager wanted to share 1020 litres equally between tanks. How much should he put in each tank?
- 2) 13 teachers won a TV prize of £3452 and split it equally. How much did they get each?
- 3) 3752 football fans were asked to sit in 16 stands. How many people were in each stand?
- 4) The pancake shop bought 994kg of chocolate spread to share between its 28 stands at the festival. How much chocolate spread should be delivered to each stand to make it completely fair?