Problems involving 'real life', money or measures

Whole class activity

A box of 8 tins of beans weighs 1kg 800g. If the tins of beans weigh 220g each, how much does the cardboard box weigh?

Suzanne and Ethan are selling raffle tickets for charity. They take them to school and sell 32, then they take them home and sell 17 more. If the tickets cost 20p each, how much money do they make?

Charlotte got into bed at 8.12 pm and read her book but she fell asleep at 8.50 pm. How long did she read her book for?

Lesson
2a

1. The school fete raises £480. The head teacher wants to split it between the 6 classes in the school to buy them more books. How much money will each class have to spend on books?

2. Sally's friend is going on holiday for the month of May. She has asked Sally to look after her cat. How many days will Sally have to look after the cat?

3. Jim's dad is mixing some cement to make a path. Each bag of cement must be mixed with 4 litres of water. If Jim's dad puts 4 bags of cement in the mixer, how much water does he need to add?

4. Mr Robson needs some ribbon to put across the finishing line for sports day. The sports track has 8 lanes and each one is 100cm wide. The two children holding the ribbon will each need an extra 30cm of ribbon to hold. What length of ribbon in metres will he need?

5. Eggs are packed in boxes of 12. How many eggs does Charlie have if he buys 3 boxes? He drops a box on the way home and breaks all the eggs in it. How many eggs does he have now?

6. A melon costs 32p. How many melons can be bought for £3.00?

1. The school fete raises £840. The head teacher wants to split it between the 6 classes in the school to buy them more books. How much money will each class have to spend on books?

2. Sally's friend is going on holiday for the months of May and June. She has asked Sally to look after her cat. How many days will Sally have to look after the cat?

3. Jim's dad is mixing some cement to make a path. Each bag of cement must be mixed with 6 litres of water. If Jim's dad puts 4 bags of cement in the mixer, how much water does he need to add?

4. Mr Robson needs some ribbon to put across the finishing line for sports day. The sports track has 8 lanes and each one is 110cm wide. The two children holding the ribbon will each need an extra 30cm of ribbon to hold. What length of ribbon in metres will he need?

5. Eggs are packed in boxes of 12. How many eggs does Charlie have if he buys 5 boxes? He drops a box on the way home and breaks all the eggs in it. How many eggs does he have now?

6. A melon costs 32p. How many melons can be bought for £5.00?

1.
The school fete raises £1440. The head teacher wants to split it between the 6 classes in the school to buy them more books. How much money does each class have to spend on books?

2.
Sally's friend is going on holiday for the months of May, June and July. She has asked Sally to look after her cat. How many days will Sally have to look after the cat?

3.
Jim's dad is mixing some cement to make a path. Each bag of cement must be mixed with 8 litres of water. If Jim's dad puts 4 bags of cement in the mixer, how much water does he need to add?

4.
Mr Robson needs some ribbon to put across the finishing line for sports day. The sports track has 8 lanes and each one is 105cm wide. The two children holding the ribbon will each need an extra 30cm of ribbon to hold. What length of ribbon in metres will he need?

5.
Eggs are packed in boxes of 12. How many eggs does Charlie have if he buys 8 boxes? He drops a box on the way home and breaks all the eggs in it. How many eggs does he have now?

6.
A melon costs 62p. How many melons can be bought for £8.00?

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