Friday

Division Word Problems

Group A

Warm up— Use the Bus stop method to answer these questions.

Answer these questions in your maths books. Use the short bus-stop method.
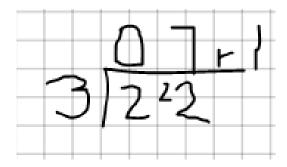
57 ÷ 3 = 19

How many times does 3 go into 5?

It goes into 5 once and has a remainder of 2.

How many times does 3 go into 27?

It goes into 27 nine times and has no remainder.

1 9

3 | 5 ²7

93 ÷ 3 =	84 ÷ 6 =	87 ÷ 3 =
55 ÷ 5 =	51 ÷ 3 =	96 ÷ 4 =

Task 1 – use the bus stop method to help answer these questions.

A)   Three children share out 75 football cards equally. How many cards do they get each?

B)   David is throwing a birthday party. He has invited 5 friends. He has ordered 80 cupcakes – how many could each child eat if these were shared out?

C)   Kate's teacher has asked her to arrange 72 chairs in 4 equal rows in the hall. How many chairs will there be in each row and how many left over?

D)   Harry needs to plant 27 trees and they have to go in rows of 3. How many rows does he plant?

Task 2 — Continue to use the written method for these questions. There may still be remainders at the end of the question.

Example:

$$0\ 7\ r\ 1$$
$$3\overline{)2^{\ 2}2}$$

43 ÷ 3 =	35 ÷ 3 =	67 ÷ 5 =
25 ÷ 2=	28 ÷ 3 =	89 ÷ 4 =

Task 3—Use your bus stop method to help solve these word problems. Read the question carefully and underline any words to help.

What's the Problem?

Mario has 36 eggs. He wants to give them all away to his friends, but only if each person gets the same number of eggs.
How many different ways can he do this?

Two-Step Division Word Problems

5. A toy warehouse has 156 packs of 3 cars. The cars are to be re-boxed in packs of 5. How many packs of 5 can be made from these cars?