

Friday

Division Word Problems

Group A

IXL Sections to help with times tables are BB and CC

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

$93 \div 3 =$	$84 \div 6 =$	$87 \div 3 =$
$55 \div 5 =$	$51 \div 3 =$	$96 \div 4 =$

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?

Now, read the question carefully and answer with the remainder...

- E) Harry needs to bake 56 cakes. He shares them between 4 people. How many will he have left for himself?
- F) Tulips are sold in bunches of 8. Randle buys 67 tulips. How tulips were spare?
- G) Mr White's chickens have laid 95 eggs. These eggs are sold in boxes of 4. How many eggs will not fit into a box?

Task 2 — In the following questions, try and work out why Harrison was wrong in working out his answers. What should he have done to work out the correct answers?

A sweet jar contains 65 lollipops. All the lollipops are shared between 15 people. How many lollipops does each person get?

Harrison's Answer: Each person got 11 lollipops.

A steam train is allowed to carry 45 passengers. It has 5 carriages. How many passengers can sit in a carriage?

Harrison's answer: 5 passengers can sit in a carriage.

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

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?



What's the Problem?

Which 2-digit number has a remainder of 1 when divided by 2, 3, 4, 5 or 6?
Write about how you discovered the number.

