

LO: To solve mixed multiplication and division problems

- To chose the correct operation.
- To use our written methods to solve the problem.
- To solve two step problems.

Using our multiplication method solve

$$36 \times 3 =$$

Insert White rose Maths video link

Using our multiplication method solve

$$13 \times 3 = 39$$

Using our division method solve this:

$$45 \div 3 =$$

Using our division method solve this:

$$45 \div 3 = 15$$



pick out the key information first.

What operation are you going to use?

- I** a) Amal makes 14 wooden horses a day.
How many does he make in 4 days?
- b) Sofia makes 92 wooden giraffes in 4 days.
She makes the same amount each day.
How many does she make each day?

Lets solve it!



$$14 \times 4 = 56$$

$$92 \div 4 = 23$$

- I** a) Amal makes 14 wooden horses a day.
How many does he make in 4 days?
- b) Sofia makes 92 wooden giraffes in 4 days.
She makes the same amount each day.
How many does she make each day?



pick out the key information

What operation do you need to do?

What method shall we use?

- 1 a) Box 3 contains 34 coins. Box 5 contains 48 coins.
Team A share the coins equally.
How many coins do they each receive?
- b) If Team B had picked Box 3 and Box 5, could they have shared the coins equally? Explain your answer.



$$34 + 48 = 82$$

$$82 \div 2 = 21$$

No as

$$82 \div 3 = 26 \text{ r } 1$$

- 1 a) Box 3 contains 34 coins. Box 5 contains 48 coins.
Team A share the coins equally.
How many coins do they each receive?
- b) If Team B had picked Box 3 and Box 5, could they have shared the coins equally? Explain your answer.

Let's try one more!

A waitress has to count the bills at the restaurant. There are 5 bills that 8 glasses are broken

1) A car travels for 2 hours at 54 miles per hour. How far has it travelled?



2) A packet of M&Ms holds 30 candy sweets. How many sweets in 3 packets?



3) A digital camera is able to take photos at 32 frames per second. How many frames could the camera take in 3 seconds?



4) A school orders pencils in packs of 12. How many pencils in 5 packs?



5) A piece of rope is 18 foot long. If I cut the rope into 6 equal lengths, how long will each piece be?

3

notices

Let's try one more!

A waitress has to count the total number of glasses in the restaurant. There are 5 boxes with 9 glasses in each. She notices that 8 glasses are broken. How many are there?

$$5 \times 9 = 45$$

$$45 - 8 = 37$$

1) A car travels for 2 hours at 54 miles per hour. How far has it travelled?



2) A packet of M&Ms holds 30 candy sweets. How many sweets in 3 packets?



3) A digital camera is able to take photos at 32 frames per second. How many frames could the camera take in 3 seconds?



4) A school orders pencils in packs of 12. How many pencils in 5 packs?



5) A piece of rope is 18 foot long. If I cut the rope into 6 equal lengths, how long will each piece be?

1) A car travels for 2 hours at 54 miles per hour. How far has it travelled?

208



2) A packet of M&Ms holds 30 candy sweets. How many sweets in 3 packets?

90



3) A digital camera is able to take photos at 32 frames per second. How many frames could the camera take in 3 seconds?

96




4) A school orders pencils in packs of 12. How many pencils in 5 packs?

60



5) A piece of rope is 18 foot long. If I cut the rope into 6 equal lengths, how long will each piece be?

3

- 
1. There are 28 monkeys in a zoo and 4 cages. How many monkeys in each cage?
 2. Lucy shares 42 marbles between her and her 6 friends. How many does each child get?
 3. In each box there are 6 eggs. How many in 6 boxes of eggs?
 4. Mrs. Jones picks 3 flowers a day starting on Monday. How many does she have by Sunday?
 5. 6 cats have 4 kittens each. How many kittens are there in total?
 6. In a school there are 320 children. There are 10 classrooms. How many children in each class?

1. There are 28 monkeys in a zoo and 4 cages. How many monkeys in each cage?

112

2. Lucy shares 42 marbles between her and her 6 friends. How many does each child get?

7

3. In each box there are 6 eggs. How many in 6 boxes of eggs?

36

4. Mrs. Jones picks 3 flowers a day starting on Monday. How many does she have by Sunday?

18

5. 6 cats have 4 kittens each. How many kittens are there in total?

24

6. In a school there are 320 children. There are 10 classrooms. How many children in each class?

32