



**Joyfulmathswithruth**

# **Functional Skills i/GCSE Foundation**

**Edexcel**

**Unit 1: Number  
Lesson 3 - Dividing**



**To join in please bring:**

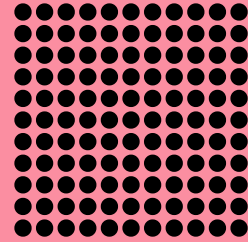


**25 loose parts - like lego bricks,  
stones, small toys, sweets,  
buttons....anything you have  
many of**

# Start thinking:

## Start thinking:

- Can you create a square using 9 loose parts?
- What about with 12?
- Or 20?





# Squares

11 m



What is the area  
that Barry needs  
to paint here?

11 m

$$5^2 =$$

$$9^2 =$$

$$14^2 =$$

$$21^2 =$$



# What do you notice?

$$5600 \div 10$$

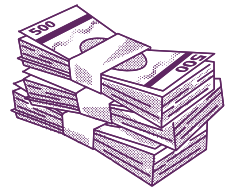
$$5600 \div 100$$

$$5600 \div 1000$$

$$5600 \div 10000$$

$$5600 \div 100000$$

## Question



Hannah has won the postcode lottery.

There are 10000 people that live in her postcode and they are going to share £92000 between them equally.

How much does each person receive?

# Would you rather?

$£340000 \div 1000$

$£3.40 \times 10$

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$£580 \div 1000$

$£0.58 \times 100$

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$£472 \div 100$

$47p \times 100$



# What do you notice?



$$72 \times 58 = 4176$$

$$1974 \div 21 = 94$$



# Quiz time

Question	Letter
1	
2	
3	



I only have  
time to do 3  
questions

## At home:

1. Circle the square numbers in this list:

14   25   64   50   400   121   92

2. Fill in the blanks

$$3600 \div \dots\dots\dots = 0.36$$

$$\dots\dots\dots \div 100 = 4.9$$

$$870000 \div 1000 = \dots\dots\dots$$

3.

$$\mathbf{32 \times 56 = 1792}$$

Using this fact tell me the answer to these

$$1792 \div 56 = \dots\dots\dots$$

$$1792 \div \dots\dots\dots = 56$$

4. Without a calculator, calculate  $4290 \div 7$



## **At home:**

Beth is going to buy some pens.

They cost 82p each and she wants as many as possible.

Beth has £10 to spend.

**How many does she buy?**

**How much change does she get?**



## Practice questions

### At home:

For more practice of dividing by 10, 100 etc, try corbett maths [here](#)

For more division practice, try these questions from corbett maths [here](#) and my Number Sense Videos [here](#)

*Remember - decide if your aim is to master a method or deeply understand.*

*If you want to master a method, pick lots of the same question to practice.*

*If you are aiming to deeply understand, pick 1 or 2 worded problems to try.*

# At home:



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