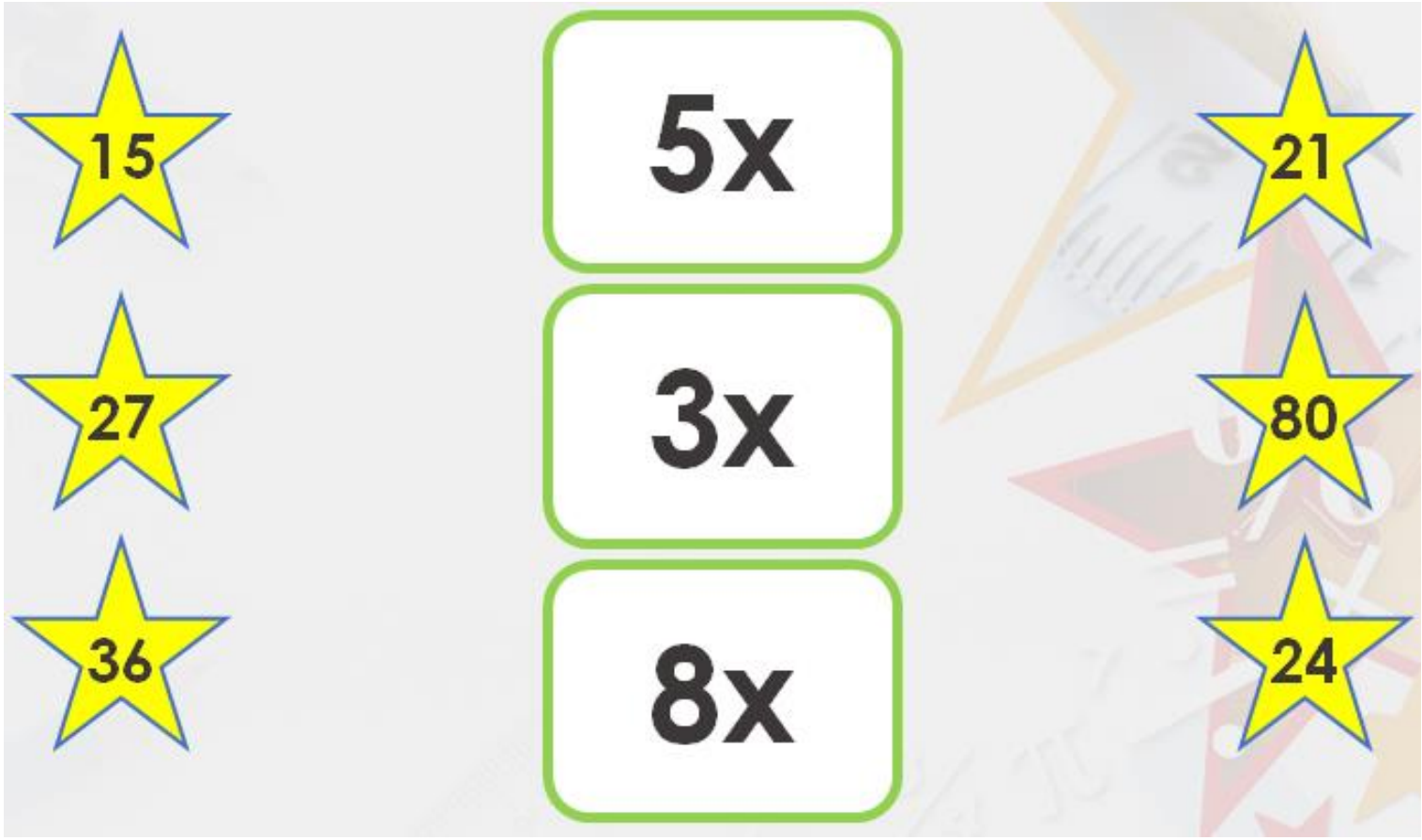
# WALT: Can I divide a 2-digit number by a 1-digit number?

Lesson 1 Week 2

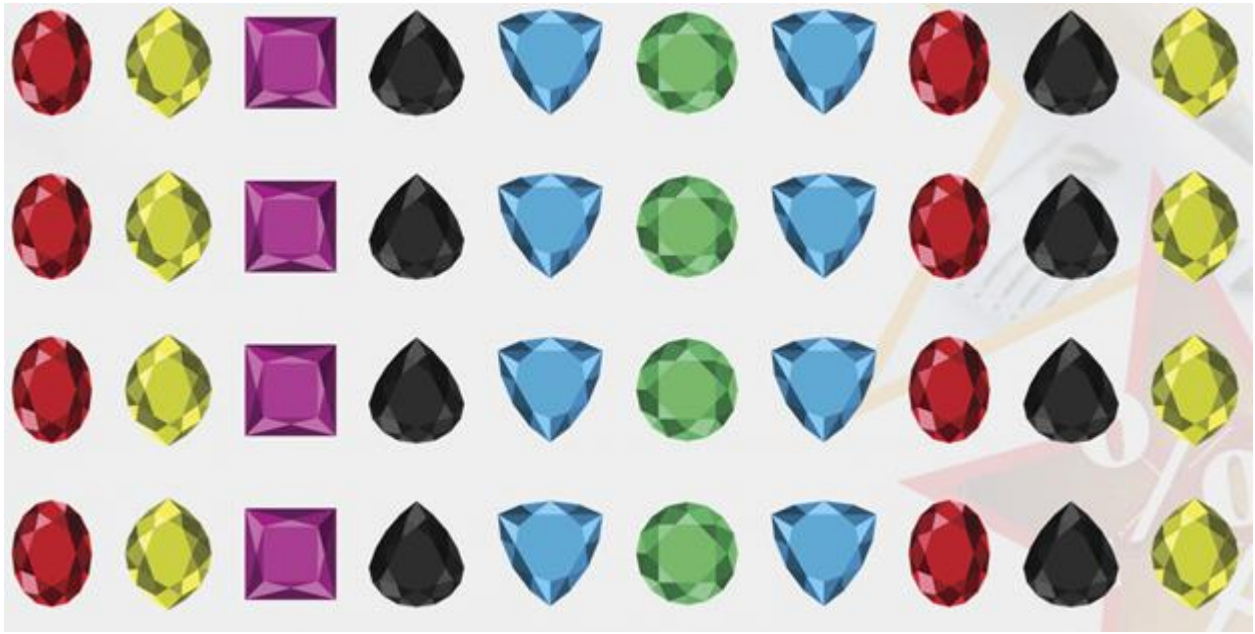
# Which number belongs to which times tables?



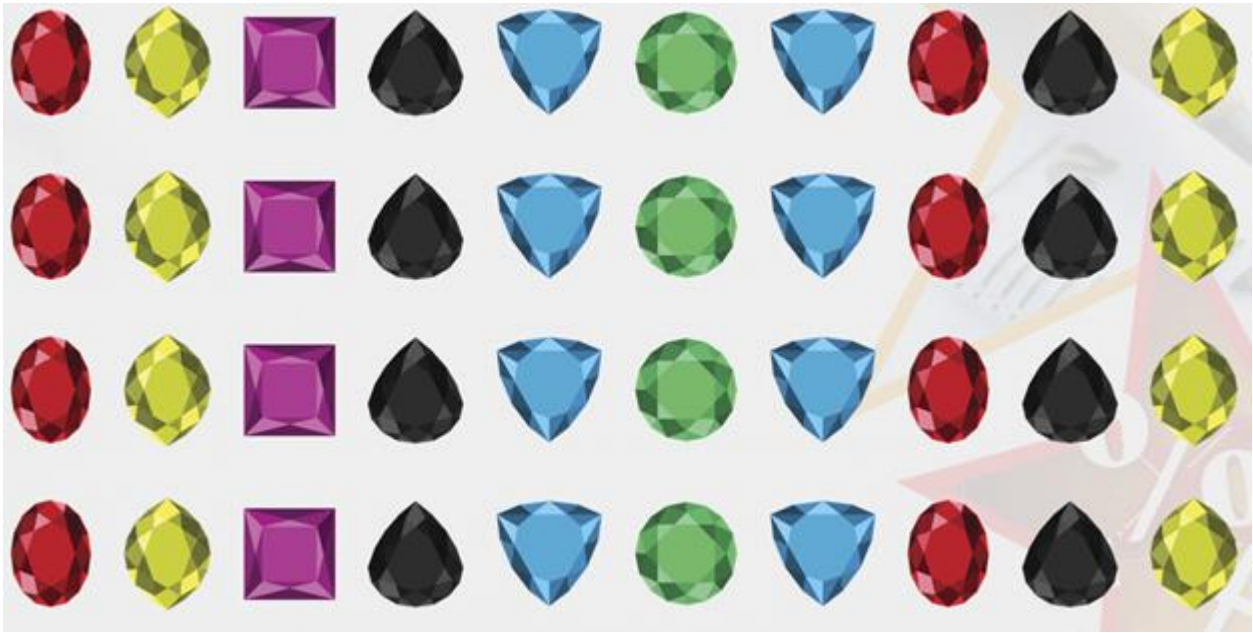
# Let’s group these jewels!

Put these jewels into 3 equal groups to work out 40 ÷ 3 =

Share them into 3 groups, so draw 3 circles and put a jewel in each until you can’t share them equally.



# How many jewels are left over?



How many are left over? Don’t forget to include that in your answer with the letter r!

# What is the division that is being represented?

How many counters are there?

How many sections is the grid split into?

So ____ ÷ ____ = How many in each section? Don't forget the remainder at the end!

# Reasoning and Problem Solving

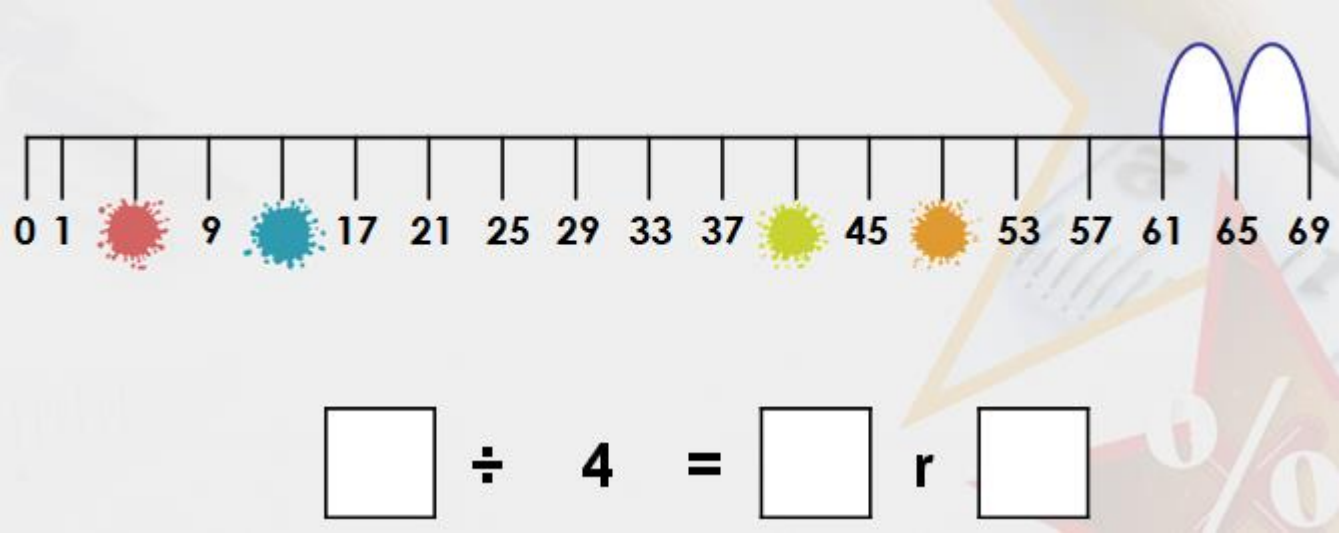
Jemima thinks that 39 conkers can be shared equally between 4 of her friends and she will have 2 leftover for herself.

Is she correct? Prove it. Show me how you've worked it out.

| Tens | Ones |
| --- | --- |
| | 1 1 1 1 1 1 1 1 1 1 |
| | 1 1 1 1 1 1 1 1 1 1 |
| | 1 1 1 1 1 1 1 1 1 |
| | 1 1 1 1 1 1 1 1 1 |

# Now try this one…

The number line below is linked to calculation underneath.




Complete the number line and the calculation. Remember to count how many jumps you make and then what is leftover!

# Your task…

Complete the Lesson 1 Week 2 sheets in your pack!

## Divide 2 Digits by 1 Digit 3

1a. Put the spiders into two equal groups to calculate:

$21 \div 2$

How many spiders are left over?

2a. Use repeated subtraction to calculate $34 \div 3$.


*Hint: you may have a remainder*

3a. Complete the division below using information from the number line.


35 ÷ ☐ = ☐ r 2

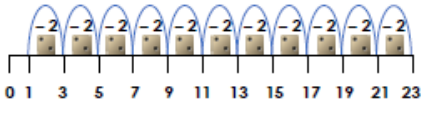
## Divide 2 Digits by 1 Digit 3

1b. Put the flowers into two equal groups to calculate:

$27 \div 2$

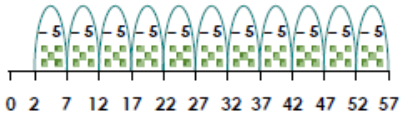
How many flowers are left over?

2b. Use repeated subtraction to calculate $23 \div 2$.




*Hint: you may have a remainder*

3b. Complete the division below using information from the number line.

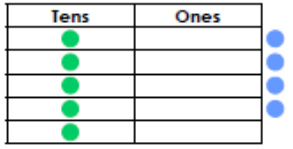



☐ ÷ 5 = 11 r ☐

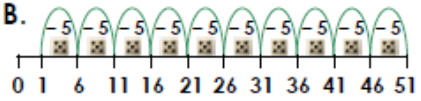
## Divide 2 Digits by 1 Digit 3

1a. Jenny is calculating $51 \div 5$. Method A gives her an answer of 10 r4. Method B gives her an answer of 10 r1.

A.




B.




Explain which solution is correct.

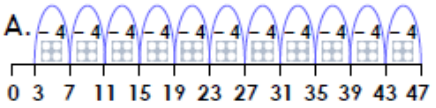
2a. Asad thinks that 31 stickers can be shared equally between 3 of his friends and he will have 3 left for himself.

Is he correct? Prove it.

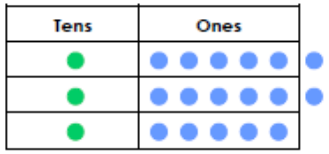

## Divide 2 Digits by 1 Digit 3

1b. Lottie is calculating $47 \div 4$. Method A gives her an answer of 11 r3. Method B gives her an answer of 15 r2.

A.




B.




Explain which solution is correct.

2b. Jessie thinks that 35 shells can be shared equally between 3 of her friends and she will have 2 left for herself.

Is she correct? Prove it.