

Homework/Extension

Step 1: Equal Groups

National Curriculum Objectives:

Mathematics Year 3: (3C6) [Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables](#)

Mathematics Year 3: (3C7) [Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Identify which option represents a given number of equal groups using the 3, 4 and 8 times table. Pictorial support for each question.

Expected Identify which option represents a given number of equal groups using the 3, 4 and 8 times table. Some pictorial support given and some numbers written as words.

Greater Depth Identify which option represents a given number of equal groups using the 3, 4 and 8 times table. No pictorial support with some use of numbers written as words.

Questions 2, 5 and 8 (Varied Fluency)

Developing Explain whether a statement is true or false using the 3, 4 and 8 times table. Pictorial support for each question.

Expected Explain whether a statement is true or false using the 3, 4 and 8 times table. Some pictorial support given and some numbers written as words.

Greater Depth Explain whether a statement is true or false and complete a given statement using the 3, 4 and 8 times table. No pictorial support with some use of numbers written as words.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Identify and explain the mistake false using the 3, 4 and 8 times table. Pictorial support for each question.

Expected Identify and explain the mistake using the 3, 4 and 8 times table. Some pictorial support given and some numbers written as words.

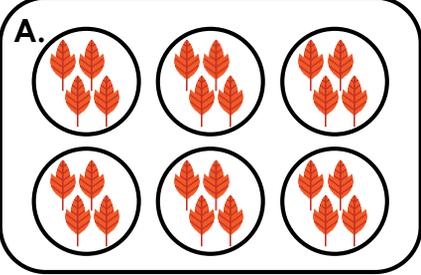
Greater Depth Identify and explain the mistake false using the 3, 4 and 8 times table. No pictorial support with some use of numbers written as words.

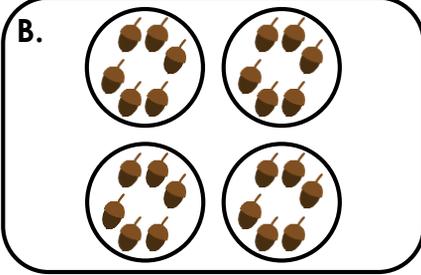
More [Year 3 Multiplication and Division](#) resources.

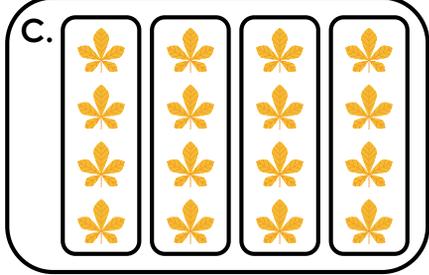
Did you like this resource? Don't forget to [review](#) it on our website.

Equal Groups

1. Which of the options below represents 4 equal groups of 6?

A. 

B. 

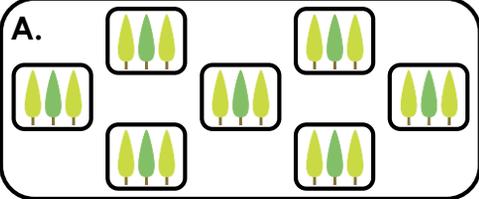
C. 

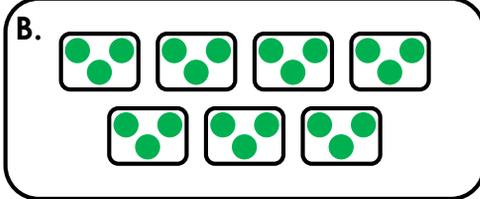


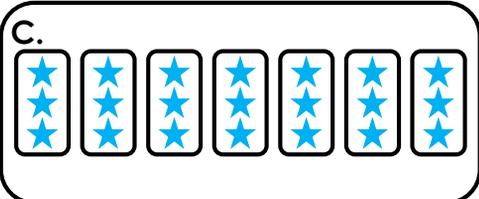
VF
HW/Ext

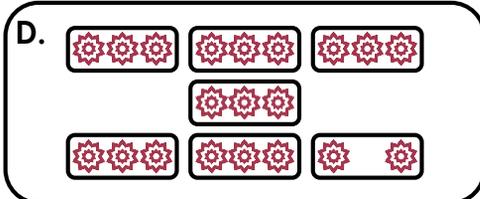
2. True or false?

All of the boxes below represent the same number of equal groups.

A. 

B. 

C. 

D. 



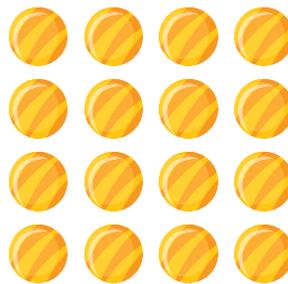
VF
HW/Ext

3. Annie is sharing 16 sweets between 3 bags.



Annie

If I share my sweets between 3 bags, I will have 3 equal groups of 6.



Explain her mistake.

How many more sweets does she need to make the groups equal?



RPS
HW/Ext

Equal Groups

4. Which of the options below represents five equal groups of four?

A.

B.

C.



VF
HW/Ext

5. True or false?

All of the boxes below represent the same number of equal groups.

A.

eight equal groups of six

B.

$$8 + 8 + 8 + 8 + 8$$

C.

D.

six	six	six	six
six	six	six	six



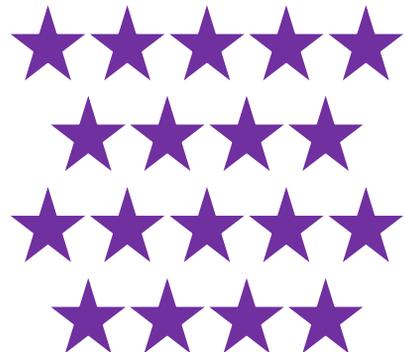
VF
HW/Ext

6. Gina is sharing eighteen stickers between four people.



Gina

If I share my stickers between four people, I will have four equal groups of five.



Explain her mistake.

How many more stickers does she need to make the groups equal?



RPS
HW/Ext

Equal Groups

7. Which of the options below represents eight equal groups of four?

A.

eight	eight
eight	eight

B.

$$4 + 4 + 4 + 4 + 4 + 4 + 4$$

C.

four	four	four	four
four	four	four	four



VF
HW/Ext

8. True or false?

All of the boxes below represent the same number of equal groups.

A.

eight fives

B.

$$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5$$

C.

five	five	five	five
five	five	five	

D.

$$8 \times 5$$

Complete the statement about box B.
There are ___ equal groups of ___.



VF
HW/Ext

9. Jordan is sharing twenty-five strawberries between nine people.



Jordan

If I share my strawberries between nine people, I will have nine equal groups of three.

Explain his mistake.

How many more strawberries does he need to make the groups equal?



RPS
HW/Ext

Homework/Extension

Equal Groups

Developing

1. **B**
2. **False.** A, B and C represent 7 equal groups of 3; D does not represent equal groups.
3. **Annie does not have enough sweets to make 3 equal groups of 6. She needs 2 more sweets so she has 18 sweets. She can then share them into 3 equal groups of 6.**

Expected

4. **A**
5. **False.** A, C and D represent 8 equal groups of 6; B represents 5 equal groups of 8.
6. **Gina does not have enough stickers to make 4 equal groups of 5. She needs 2 more stickers so she has 20 stickers. She can then share them into 4 equal groups of 5.**

Greater Depth

7. **C**
8. **False.** A, B and D represent 8 equal groups of 5; C represents 7 equal groups of 5. There are 8 equal groups of 5.
9. **Jordan does not have enough strawberries to make 9 equal groups of 3. He needs 2 more strawberries so he has 27 strawberries. He can then share them into 9 equal groups of 3.**