

Lesson 25 **NUMBER****Division as sharing equally**

CURRICULUM ALIGNMENT

NUM.OPS.3

understand and apply flexibly the four operations; and the relationships between operations.

INTERACTIVES Equal Groups (Sharing) · challenge, display, explore

WHAT THIS LESSON TEACHES

Splitting a whole amount into a set number of groups so every group ends up with exactly the same amount. We deal one to each group in turn until the counters are all gone.

→ 12 counters shared between 3 plates gives 4 on each plate.

→ 12 divided by 3 equals 4 means twelve shared between three is four each.

MODEL THIS ON THE BOARD

SHARING 12 SWEETS BETWEEN 3 FRIENDS

- 1 Start with 12 sweets and 3 friends.
- 2 Deal one sweet to each friend in turn.
- 3 After four rounds every friend has 4 sweets.
- 4 Write 12 divided by 3 equals 4.

ANSWER KEY

Scaffold: visual check on the page

Q1: 8

Q2: 10

Q3: 4

Q4: 7

Q5: 11

a) Always : Twelve shared equally between three is four each.

b) Never : Equal sharing means every friend gets the same amount, five each.

c) Always : Twenty-four divided by three is eight.

d) Never : Thirty divides by six exactly with none left over.

EXTENSION SHEET · STRETCH ANSWERS

S1: 27

S2: 23

S3: 20

S4: 12

S5: 11

Investigation: Fair shares at a party — open-ended; scan pupils' working for valid solution paths rather than a single answer.