



ADULT GUIDE · KEEP THIS PAGE

Share and group equally

England national curriculum · Year 1 · supported problem solving

What this pack helps with

Separate division into equal sharing and grouping. Deal a total fairly, count how many equal groups can be made, and connect both actions to arrays.

Start here

The child can count to 20 and recognise equal groups. Use two plates and six real objects before the printed tasks.

Use a pencil, up to 20 counters and several small plates or drawn circles. For sharing, deal one at a time. For grouping, build one complete group at a time.

Print and use

Print A4 at actual size (100%). Child pages: **2-6**. Answers and feedback: **7**. Colour is optional; every task works in black and white. Pages may be used separately.

Model page 2 with real objects. Keep teacher or adult support available. Accept building, circling, drawing, counting and spoken reasoning before written recording.

What to try next

Puts all objects into the first group

Deal one object to each group in turn until none remain.

Counts objects instead of groups

Circle each complete group, then count the circles.

Uses unequal groups

Match each group position by position and move extras until the sizes agree.

Works confidently

Ask for a different equal grouping of the same total and compare what changed.

Scope and source

Exact sharing and grouping with whole-number answers and totals to 20. It does not introduce remainders, fractions, formal division fluency or calculations above 20. Based on DfE Year 1 mathematics and primary mathematics guidance (England; OGL v3.0). Original TheLearnDen tasks and artwork; not an official assessment. Free to print and share.



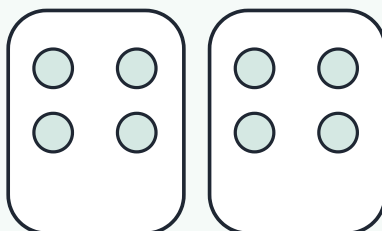
LEARN TOGETHER · EQUAL GROUPS

Share and group equally

Name: _____ Date: _____

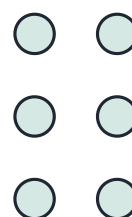
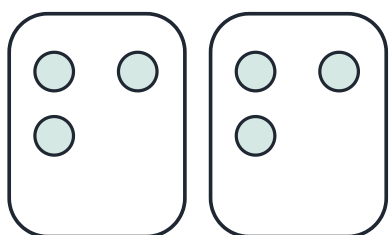
Try it together

Share 8 counters equally between 2 plates. Deal one to each plate in turn. Each plate gets 4. Eight shared into 2 equal groups gives 4 in each group.



8 shared into 2 groups = 4 in each

Build, check, say



Are the groups equal?

How many rows? How many in each?

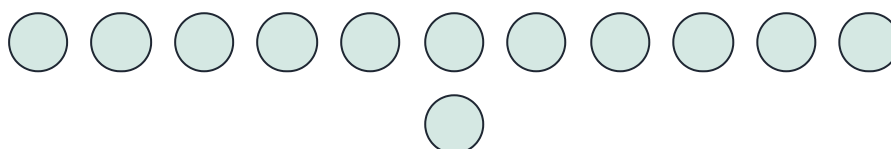
Equal means every group has the same number.



PRACTISE WITH SUPPORT · TOTALS TO 20

Share one each

- 1 Share 12 counters equally into 2 groups.



in each group

- 2 Share 10 counters equally into 5 groups.



in each group

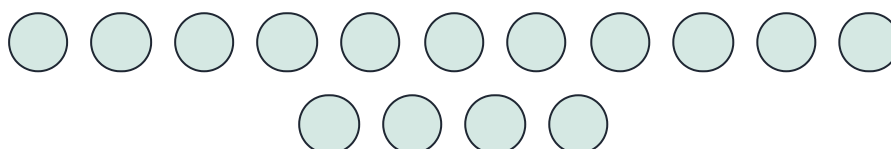


PRACTISE WITH SUPPORT · TOTALS TO 20

Make groups of

3 Make groups of 5 from 15.

How many groups?

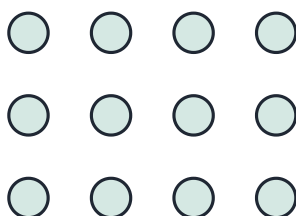


groups of 5

Circle one complete group at a time.

4 This array has 4 in each row.

How many equal rows?



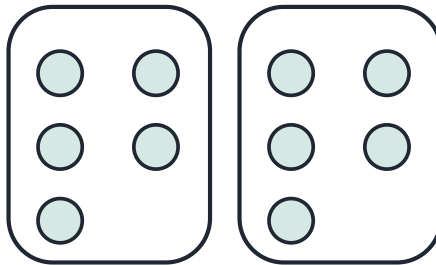
groups of 4



PRACTISE WITH SUPPORT · TOTALS TO 20

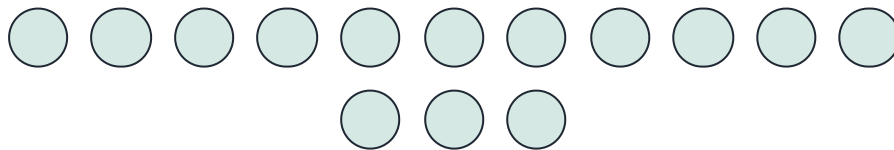
Read division arrays

- 5 Circle the statement that matches sharing 10 into 2 equal groups.



- (A) 10 shared into 2 groups = 5 in each
- (B) 10 shared into 5 groups = 5 in each
- (C) 10 shared into 2 groups = 2 in each

- 6 Find half of 14.
Share it into two equal groups.



Half of 14 is .



REASON AND EXPLAIN · TOTALS TO 20

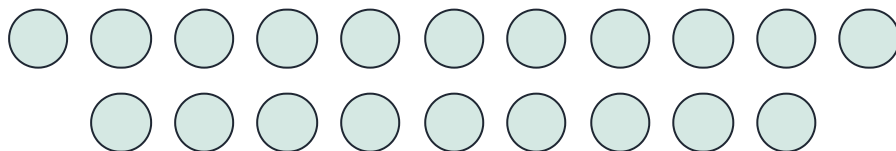
Solve and explain

- 7 Share 8 strawberries fairly
between 4 plates.
How many on each?



on each plate

- 8 Put 20 pencils into boxes.
Each box holds 5.
How many boxes are needed?



boxes



ADULT ANSWER GUIDE

Answers and next steps

Ask the child to build or point to the equal groups. Accept correct spoken answers and scribe when writing is the barrier. Record support; this is not a timed tables test.

- 1** **6** Deal twelve one at a time into two groups. Each group gets six.
Accept the independently checked whole-number answer and the requested equal-group model or spoken explanation.
- 2** **2** Ten shared fairly into five groups gives two in each group.
Accept the independently checked whole-number answer and the requested equal-group model or spoken explanation.
- 3** **3** Circle groups of five. Fifteen makes three complete groups.
Accept the independently checked whole-number answer and the requested equal-group model or spoken explanation.
- 4** **3** The array has three rows, with four in each row, so it shows three groups of four.
Accept the independently checked whole-number answer and the requested equal-group model or spoken explanation.
- 5** **10 shared into 2 groups = 5 in each** Two equal groups of five use all ten counters.
Accept only the first statement, supported by two equal groups of five.
- 6** **7** A half is one of two equal shares. Fourteen shared into two gives seven each.
Accept the independently checked whole-number answer and the requested equal-group model or spoken explanation.
- 7** **2** Eight strawberries shared fairly between four plates gives two on each plate.
Accept the independently checked whole-number answer and the requested equal-group model or spoken explanation.
- 8** **4** Twenty pencils fill four boxes when each box holds five.
Accept the independently checked whole-number answer and the requested equal-group model or spoken explanation.

My practice trail

Optional: colour one circle for each question tried and discussed. This records practice, not a test score.



One thing to practise next: _____