# Year 1 maths: Making equal groups (Hard)

Maths · Number
Level: Hard

Student: _____ Date: _____

**Instructions**
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

## Questions

**1.** 24 stickers are shared equally between 4 friends. How many stickers does each friend get?

Answer: ☐

Working:

**2.** The library has 24 books in 4 equal piles. How many books are in each pile?

Answer: ☐ books

Working:

**3.** Sam invites 4 friends to his party. He has 24 stickers to share equally into 4 party bags. How many stickers go in each bag?

Answer: ☐ stickers

Working:

**4.** Riaan has 15 marbles. He keeps 3 and shares the rest equally among 3 friends. How many does each friend get?

Answer: ☐

Working:

**5.** Gran has 19 eggs. She puts 6 eggs in each box. How many boxes can she fill?

Answer: ☐ boxes

Working:

**6.** Nate has 23 beads. Each necklace needs 5 beads. How many necklaces can he make?

Answer: ☐ necklaces

Working:

**7.** 7 counters go into groups of 3. How many full groups can be made?

Answer: ☐ groups

Working:

**8.** 29 strawberries go into groups of 5. How many full groups can be made?

Answer: ☐ groups

Working:

**9.** 12 counters are shared equally into 3 groups. How many are in each group?

Answer: ☐

Working:

**10.** 30 strawberries are shared equally into 5 groups. How many are in each group?

Answer: ☐

Working:

# Answer key

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**1.** 6

4 groups of 6 make 24, so each friend gets 6.

**2.** 6 books

24 shared into 4 equal piles is 6: 6 + 6 + 6 + 6 = 24.

**3.** 6 stickers

24 shared into 4 equal bags is 6 each: 6 + 6 + 6 + 6 = 24.

**4.** 4

15 − 3 = 12. 12 shared among 3 is 4 each.

**5.** 3 boxes

6, 12, 18 — 3 full boxes use 18 eggs. 1 egg is left over, which is not enough to fill a box.

**6.** 4 necklaces

5, 10, 15, 20 — 4 necklaces use 20 beads. 3 beads are left, not enough for another necklace.

**7.** 2 groups

2 groups of 3 use 6. 1 left over is not enough for a full group, so the answer is 2.

**8.** 5 groups

5 groups of 5 use 25. 4 left over is not enough for a full group, so the answer is 5.

**9.** 4

Share them out one at a time: each of the 3 groups gets 4.

**10.** 6

Share them out one at a time: each of the 5 groups gets 6.