Mathematics · Grade 4

Division and remainders

Worked example

Group 17 pencils in fours: 4 groups and 1 pencil left, since 4 × 4 + 1 = 17.

Answers

1. Make groups of 3 with 14 counters. How many full groups and counters left?

4 groups, remainder 2

2. Make groups of 5 with 18 counters. How many full groups and counters left?

3 groups, remainder 3

3. Make groups of 4 with 23 counters. How many full groups and counters left?

5 groups, remainder 3

4. Make groups of 6 with 31 counters. How many full groups and counters left?

5 groups, remainder 1

5. Make groups of 7 with 35 counters. How many full groups and counters left?

5 groups, remainder 0

6. Make groups of 8 with 42 counters. How many full groups and counters left?

5 groups, remainder 2

7. A box holds 6 balls. We have 29 balls. How many full boxes and balls left over?

4 boxes, 5 balls.

8. With 25 marbles and bags of 4, could 5 be left after filling as many bags as possible? Explain.

No. Six bags of 4 leave 1 marble.