

Aligned to the Australian Curriculum v9.0 • Year 1 Mathematics

Year 1 Skills Workbook

Early Maths Practice | Skillr Education



Ages 6-7 • 2026 Edition

✓ Number Sense ✓ Place Value ✓ Addition & Subtraction ✓ Money
✓ Patterns ✓ Measurement ✓ Time

120+ printable worksheets • Teacher notes • Answer keys included

Robot Packing Line — Extra Enriched

EXTRA ENRICHED
MATERIAL
Partner work

Challenge:

Reason like a factory robot. Work backwards from a running total to the number of boxes, compare packing in fives with packing in tens, and design your own packing line that keeps a running count.

Topic: Reason with Running Totals on a Packing Line

Ref: Maths | Year 1 | AC9M1A01_E5 | Algebra

Name: _____ Date: _____

Design and Reason with Packing Lines

1. The robot packs boxes of 10 and reaches 60. How many boxes did it pack? _____
2. One line packs 5s, another packs 10s. Both reach 30. Which line used fewer boxes? Explain: _____
3. The counter reads 45. Could the robot have packed only boxes of 10? Why or why not? _____
4. Robot packs 4 boxes of 10, then 3 boxes of 5. What is the total?

5. A robot must make 50 items. Write two different ways using boxes of 5 and boxes of 10: _____
6. If the robot speeds up to boxes of 10, how does the running count change compared with boxes of 5? _____
7. The counter jumps 10, 20, 30 ... then one box of 5 is added. What is the new total after 30? _____
8. Design your own packing line. Choose a box size and write the first five totals: _____