

Counting in Groups on the Assembly Line

AC9M1A01_E5 Role-playing being an industrial robot on an assembly line that packs various items into boxes or packets in groups of five or ten, keeping count of the total number of items produced.

Learning Intention: We can pack items in groups of 5 or 10 and skip count to keep the total.

Robot Packs Items in Groups of 5 and 10

Pack 5 items in each packet — count by 5s



5

10

15

20

Pack 10 items in each box — count by 10s



10

20

30

Be the Robot

- Pack the same number in every packet or box.
- Packets of 5: count by 5s — 5, 10, 15, 20 ...
- Boxes of 10: count by 10s — 10, 20, 30 ...
- Say the running total after each pack.
- The last number is how many you made.

Pack Key



Packet of 5



Box of 10

Keep the Running Total

Four packets of 5 → 5, 10, 15, 20 = 20 items. Three boxes of 10 → 10, 20, 30 = 30 items.