

Trays, Skips and Totals

Elaboration 5 · Repeated addition and skip counting

ELABORATION FOCUS

Using materials, diagrams and skip counting to solve repeated equal group problems.

LEARNING INTENTION I can skip count to find a total.

4 trays

6 on each

$6 + 6 + 6 + 6$

6, 12, 18, 24

24

1

Read the Problem

Step 1: there are 4 trays. Step 2: each tray has 6 biscuits.

2

Write It As Adding

Step 3: write 6 for each tray. Step 4: $6 + 6 + 6 + 6$.

3

Skip Count to the Total

Step 5: count 6, 12, 18, 24. Step 6: there are 24 biscuits.

MODEL · FOUR TRAYS WITH 6 BISCUITS ON EACH

Draw the trays, then skip count by 6.

Tray 1



6

Tray 2



12

Tray 3



18

Tray 4



24

Skip count by 6: 6, 12, 18, 24

4 trays of 6 is $6 + 6 + 6 + 6 = 24$, and skip counting gives 6, 12, 18, 24.

TEACHER MODELLING ROUTINE I do → We do → You do

WATCH FOR

Counting every biscuit by ones instead of skip counting by 6.

REMEMBER

Equal groups let you skip count. Count by the number in one group.

MATERIALS

Counters, paper trays, number lines, hundreds charts, whiteboards.