

# Lesson 24 • Adding to 5

## Learning objectives

Children will:

- understand that adding is combining two groups.
- count to find a total.
- represent addition on a number line.

## Australian Curriculum Content Descriptions

### Number and Algebra

#### Number and place value

**ACMNA004** represent practical situations to model addition and sharing; use a range of practical strategies for adding small groups of numbers, such as visual displays or concrete materials

**ACMNA002** connect number names, numerals and quantities, including zero, initially up to 10 and then beyond; understand that each object must be counted only once, that the arrangement of objects does not affect how many there are, and that the last number counted answers the 'how many' question

**ACMNA003** use subitising as the basis for ordering and comparing collections of numbers

**ACMNA289** compare, order and make correspondences between collections, initially to 20, and explain reasoning

## Key vocabulary

add, adding, addition, count, how many, altogether, total, group, together, number, numerals 1–10, +, =, match, number words one to ten, same, equal, number line

## Extra assistance

Explain that addition is a natural extension of counting, but instead of counting one group of items, students combine two groups and count. Show students that they already do addition – they add groups of pencils; they add up money for the canteen; they add groups of children for sport. Give them opportunities across the curriculum to use their addition skills.

## Classroom activities

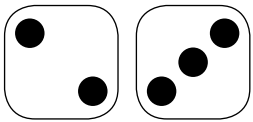
### Match Up!

Give each student a dot pattern from 1 to 4. Ask them to find a partner to make a total of 5 and sit together. Then have them draw their two dot patterns on a domino shaped card and fill in the equation  $\square + \square = \square$ .

### Count 'em!

Give students a set of 10 items – counters, paddle pop sticks or MAB blocks for example. The teacher holds up a numeral or number word from 1–9 and the students make that number with their items. Then they make a second group to make a total of 10. Check, then repeat.

Mathseeds Lesson sequence	TEACH Content and skills	PRACTISE Children will:	APPLY
<i>Animated Lesson:</i> Count and add	Introduce the concept of addition and the equation. Understand that adding is combining two groups and counting to find the total. Song: <i>There Was One Little Doll</i>	count two groups and add them together. Count to find the total. Understand that this process can be shown with the equation $\square + \square = \square$ .	<b>Worksheet 1</b> Count and add
<i>Adding groups:</i> Picture Addition, Fish Bowls, Frog Ponds, Dominoes	Understand that two groups are added together to find a total.	count two groups and fill in the equation. Make two groups and add to find the total.	<b>Worksheet 2</b> Addition
<i>Number line addition:</i> Number Bars	Represent two numbers on the number line and give the end number as the total.	use number bars to show two numbers being added on the number line.	<b>Worksheet 3</b> Number lines
<i>Find:</i> Flash Cards, The Same, Three Clowns, Ice the Cakes	Visual discrimination: subitise small collections. Subitise to identify groups which are the same. Recognise numbers and select matching groups. Identify the word <i>five</i> .	identify the number of dots quickly. Recognise groups which have the same number of items. Select the group which matches the given number. Select the word <i>five</i> .	<b>Worksheet 4</b> Check
<i>Read:</i> Book	Read aloud book.	listen, follow the reading and read along.	<b>Mathseeds book 24:</b> Add to 5



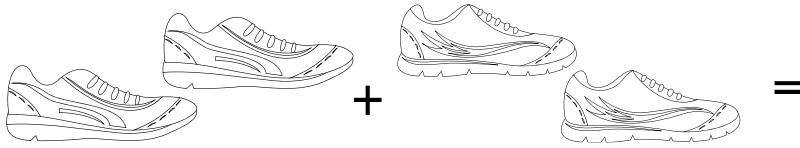
## Add to 5

# Lesson 24 • Worksheet 1

## Count and add

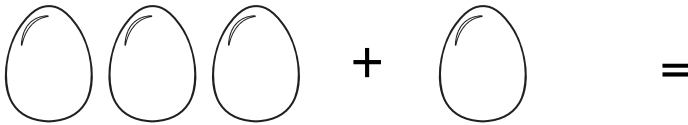
Name \_\_\_\_\_

Count and add.



and

makes



and

makes



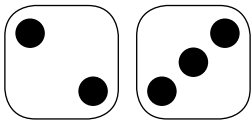
and

makes



and

makes



Add to 5

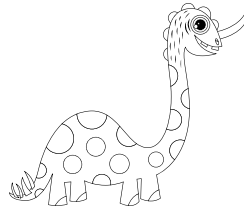
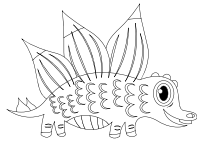
## Lesson 24 • Worksheet 2

## Addition

Name \_\_\_\_\_

This is the addition sign **+**. This is the equals sign **=**.

Count and add.

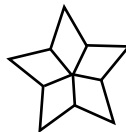
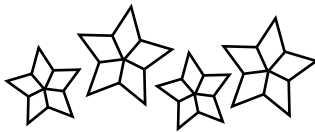


1

+

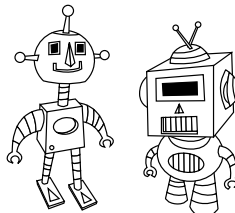
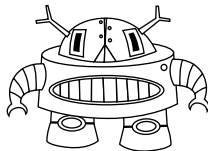
1

=



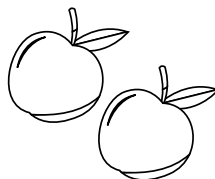
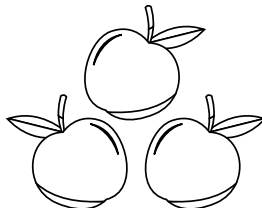
+

=



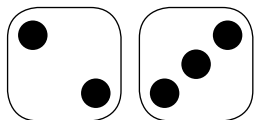
+

=



+

=



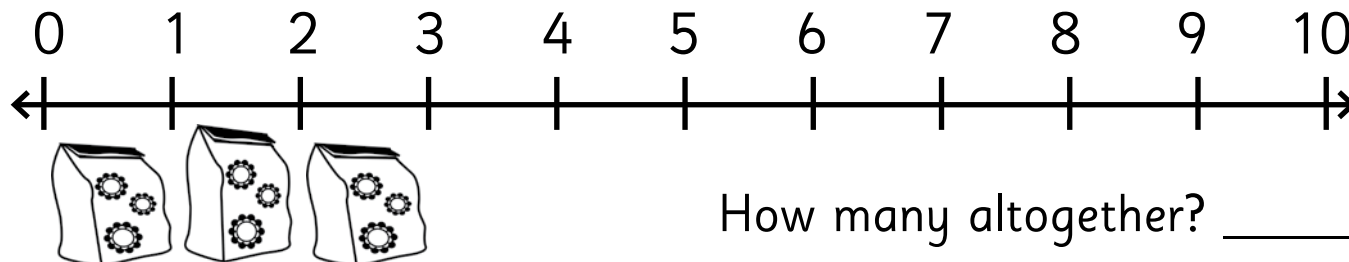
# Add to 5

## Lesson 24 • Worksheet 3

## Number lines

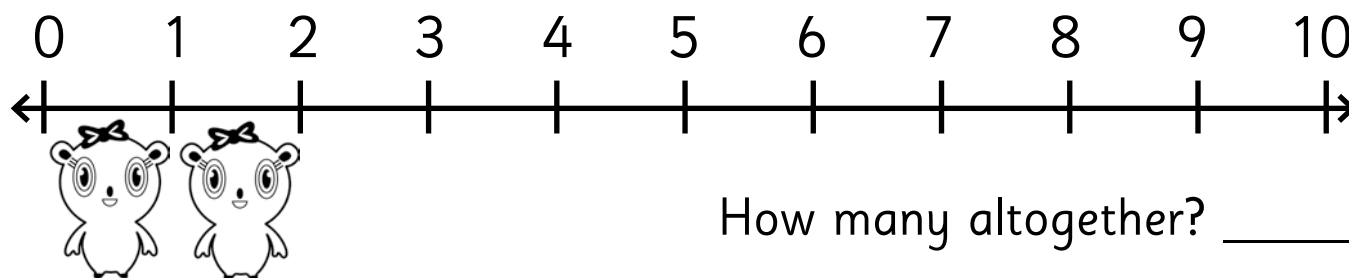
Name \_\_\_\_\_

1 Add 2 more.



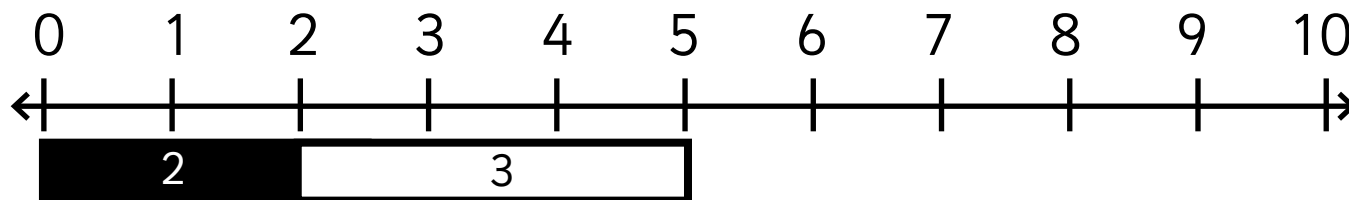
How many altogether? \_\_\_\_\_

2 Add 1 more.

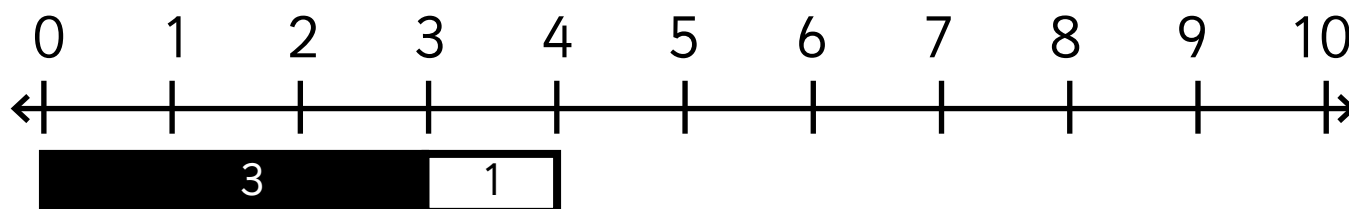


How many altogether? \_\_\_\_\_

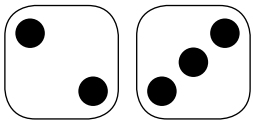
3 Find the totals.



$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



$$\boxed{\phantom{00}} + \boxed{\phantom{00}} = \boxed{\phantom{00}}$$



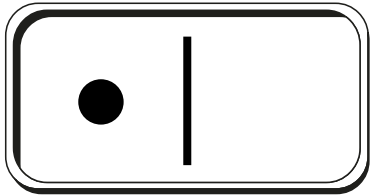
**Add to 5**

## Lesson 24 • Worksheet 4

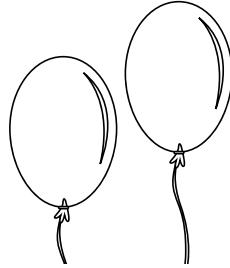
**Check**

Name \_\_\_\_\_

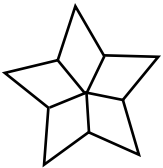
**1** Draw, count and find the total.



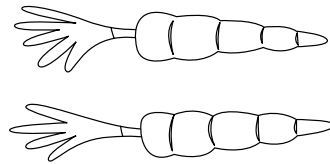
$$1 + 4 = \square$$



$$2 + 2 = \square$$



$$1 + 1 = \square$$

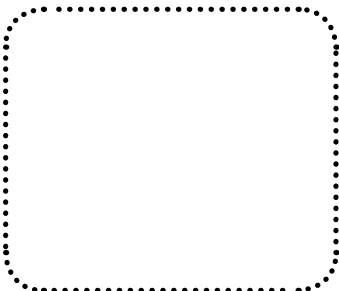


$$2 + 1 = \square$$

**2** Draw two groups to make the total.



$$\square + \square = 5$$



$$\square + \square = 4$$