

Lesson 151 • Counting 1000-5000

Learning objectives

Children will:

- count by thousands, hundreds and tens.
- order numbers on a number line.
- order three-digit and four-digit numbers from smallest to largest.

Australian Curriculum Content Descriptions

Number and Algebra

Number and place value

ACMNA052 Recognise, model, represent and order numbers to at least 10 000; place four-digit numbers on a number line using an appropriate scale; reproduce numbers in words using their numerical representations and vice versa.

Key vocabulary

thousand, base ten, place value, expanded form, thousand chart, jump strategy, $<$, $>$, $=$, rounding

Extra assistance

Students who have grasped the central premise of the Base 10 number system should have no trouble with thousands. For those who struggle, use visual resources such as place value charts and MAB blocks. Show students the four types of MAB blocks. Explain how the 1000 cube is $10\times$ the 100 square. Remind them that the 100 block is $10\times$ the 10 stick, and that is $10\times$ the 1 block. Each place value is $10\times$ the previous one.

Worksheet answers

Worksheet 1

- 1 1000, 2000, 3000, 4000, 5000
 2 **a** two thousand **b** five thousand
c one thousand **d** four thousand
e three thousand
 3 **a** 4, 50, 200, 3000 **b** 1, 20, 500, 4000
c 3, 10, 1000, 4000 **d** 2, 40, 100, 5000

Worksheet 2

- 1 Teacher check
 2 **a** 2510, 2520, 2530, 2540, 2550, 2560
b 4950, 4960, 4970, 4980, 4990, 5000
 3 **a** $<$ **b** $>$ **c** $<$ **d** $>$ **e** $<$ **f** $<$
g $<$ **h** $>$ **i** $>$ **j** $<$ **k** $<$ **l** $>$

Worksheet 3

- 1 **a** 1563, 2945, 3890, 4798
b 1890, 2490, 3764, 4902
c 4165, 4398, 4629, 4890
 2 2316, 3429, 3781, 4213, 4930
 3 **a** 2539 **b** 4890

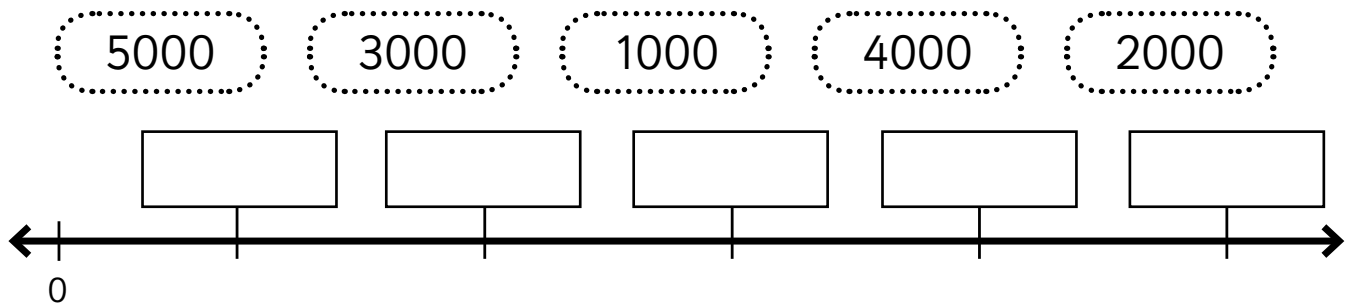
Worksheet 4

- 1 **a** \$4250 **b** \$65
c \$4250, \$3250, \$2195, \$1200, \$905, \$65
 2 **a** \$1210 **b** \$3260 **c** \$2205
 3 **a** \$2295 **b** \$4350 **c** \$1005
 4 **a** \$3195 **b** \$5250 **c** \$1065
 5 **a** three thousand, one hundred and five
b one thousand, nine hundred and twenty-nine

Mathseeds Lesson sequence	TEACH Content and skills	PRACTISE Children will:	APPLY
<i>Animated Lesson:</i> Ordering numbers	Introduce the numbers from 1000 to 5000.	put round thousands and tens from 1000-5000 in order. Order 3-digit and 4-digit numbers.	Worksheet 1 Thousands
<i>Recognising numbers:</i> MAB Blocks, Marble Match, Show Me the Number	Recognise the number represented by blocks. Translate number words and expanded form into a number in numerals. Read number sentences using 4-digit numbers.	select the number shown using the MAB blocks. Select the number written in words or in expanded form. Match different number formats and sums that equal the number.	Worksheet 2 Tens, hundreds and thousands
<i>Making numbers:</i> Number Arrows, Place Value Machine	Recognise the number represented by blocks. Understand place value.	make the number shown using the MAB blocks. Make the biggest number possible with the given four digits.	Worksheet 3 Order 4-digit numbers
<i>Working with numbers:</i> Jump Forward, Smaller or Larger Number, Greater than, Less than or Equal to, Nearest 100	Use the jump strategy to add on a thousand chart. Compare two numbers. Understand how rounding works.	jump through the chart to add hundreds and tens. Label two numbers larger or smaller. Use symbols to compare numbers: $<$, $>$, $=$. Round the number to the nearest 100.	Worksheet 4 Check
<i>End of Lesson Quiz</i>	Test understanding of lesson content and skills.	complete a 10 question quiz to earn a reward game.	<i>Reward game:</i> Chooks

Name _____

1 Write the thousands in order on the number line.



2 Write the numbers in words.

- a 2000 _____
- b 5000 _____
- c 1000 _____
- d 4000 _____
- e 3000 _____

3 Write these numbers in order from **smallest** to **largest**.

- a 3000 4 50 200
- _____

- b 500 4000 1 20
- _____

- c 3 1000 4000 10
- _____

- d 40 100 2 5000
- _____

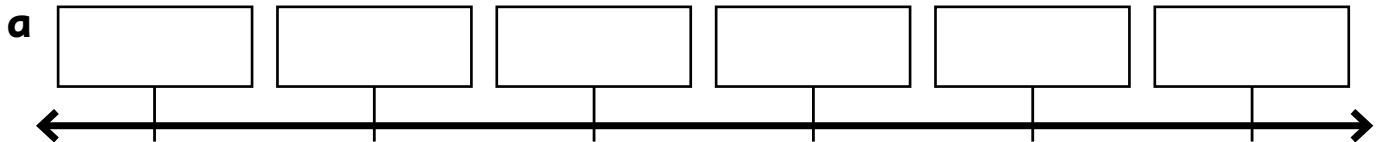
Name _____

1 Fill in the missing numbers.

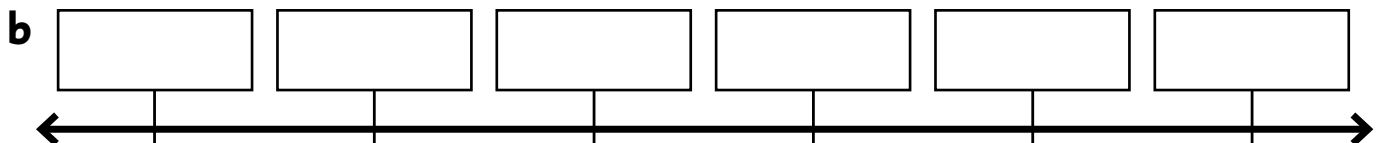
100	200	300	400				800	900	
1100	1200	1300	1400	1500	1600				2000
2100			2400	2500	2600	2700			
		3300				3700	3800	3900	4000
4100	4200	4300		4500	4600	4700	4800	4900	

2 Put these numbers in order on the number line.

2510 2530 2550 2560 2540 2520



4990 4970 5000 4980 4960 4950



3 Put the correct symbol in the box: < >

a 1000 4000

b 3400 2900

c 1100 1700

d 4250 2070

e 1400 1900

f 3560 3760

g 3500 3600

h 4440 4410

i 2110 2010

j 2930 2970

k 3870 3880

l 1950 1780

Name _____

1 Put these numbers in order on the number line.

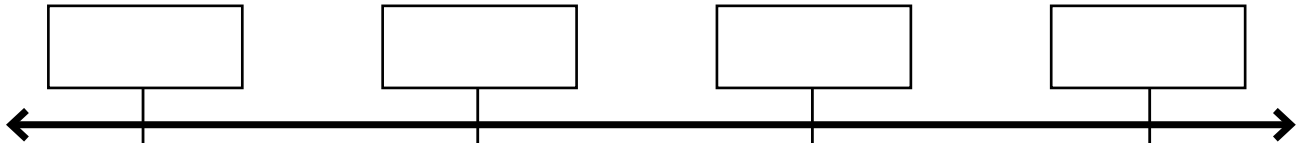
a

1563

4798

2945

3890



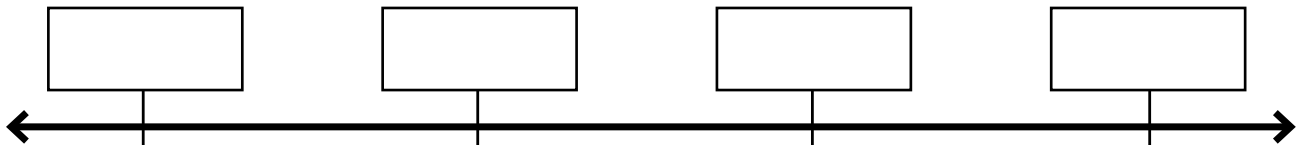
b

3764

1890

4902

2490



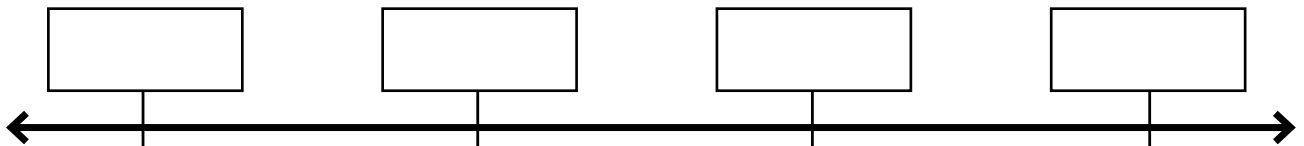
c

4398

4890

4165

4629



2 Write these numbers in order from **smallest** to **largest**.

3429

4930

2316

3781

4213

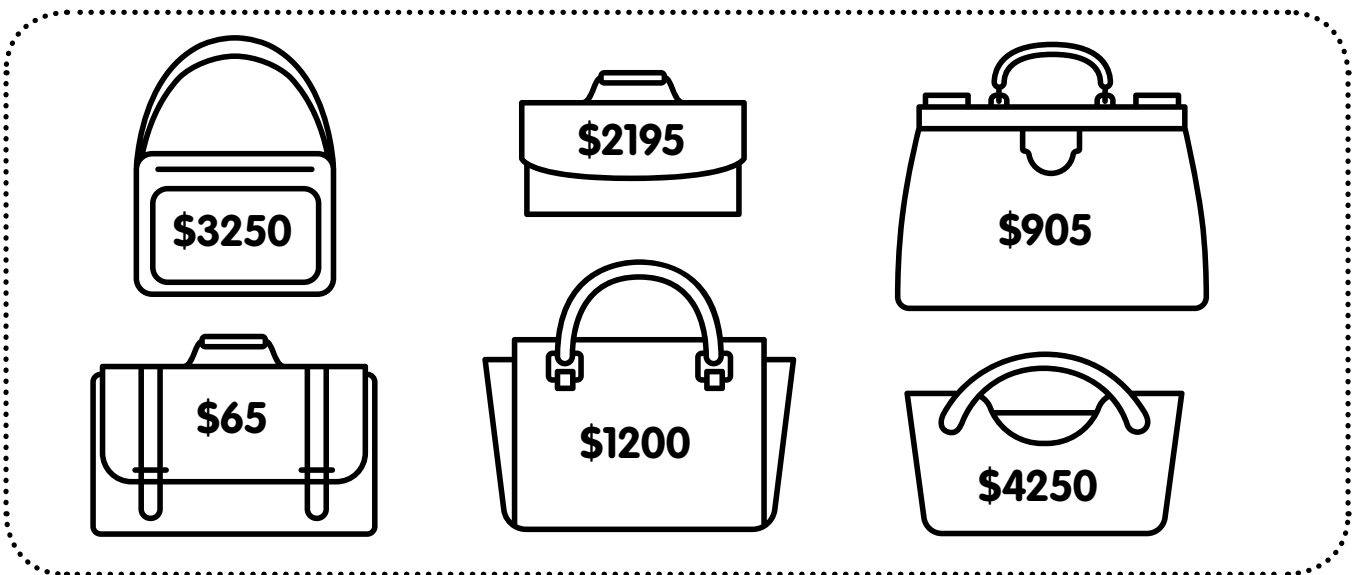
3 Write these numbers in numerals.

a two thousand, five hundred and thirty-nine _____

b four thousand, eight hundred and ninety _____

Name _____

1



- a Which is the most money? _____
- b Which is the least money? _____
- c Order the amounts from most to least.

2 Add \$10 to

- a \$1200 _____
- b \$3250 _____
- c \$2195 _____

3 Add \$100 to

- a \$2195 _____
- b \$4250 _____
- c \$905 _____

4 Add \$1000 to

- a \$2195 _____
- b \$4250 _____
- c \$65 _____

5 Write the numbers in words.

- a 3105 _____
- b 1929 _____