

2-09-2025

classwork

Tuesday

ACTIVITY



Work as a class.

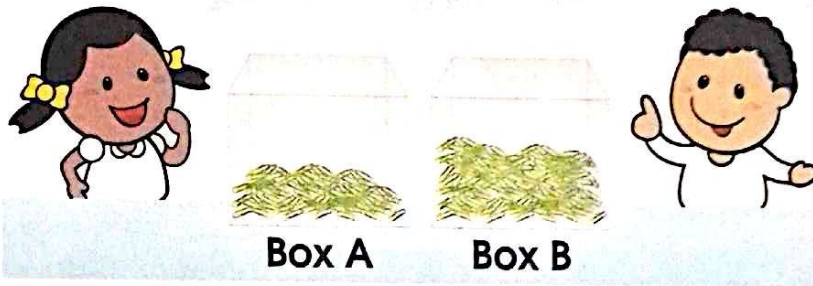
- 1 Get 10 boxes of 100 paper clips each.
- 2 Put the paper clips into Box A.
How many paper clips are there?
- 3 Look at the number of paper clips in Box B that is prepared by the teacher.
Guess the number of paper clips in Box B.

What you need:



This box has 1000 paperclips.

I guess there are about 3000 paper clips in Box B.

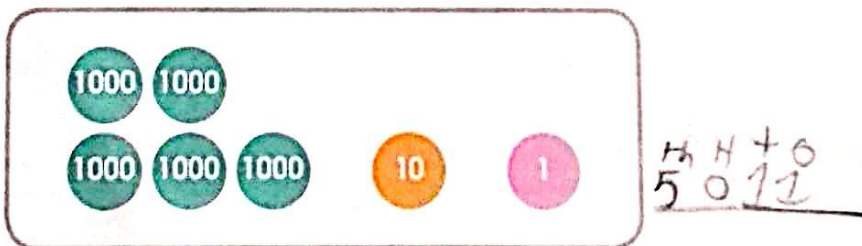


- 4 Compare your guess with your classmates.
Who has the closest guess?

PRACTICE

Count and write in numerals.

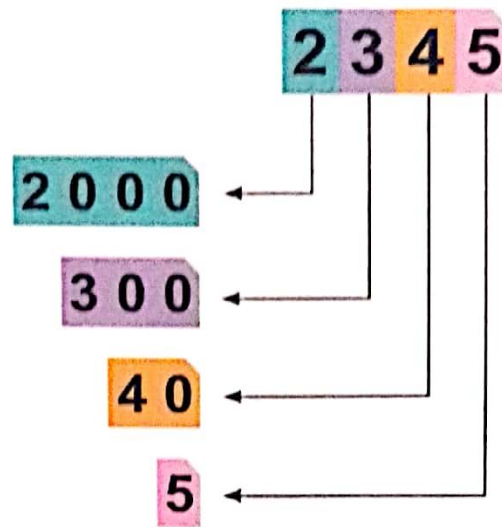
(a)



(b)



We can also use place-value cards to show the number.



The value of the digit 2 is 2000.

The value of the digit 3 is 300.

The value of the digit 4 is 40.

The value of the digit 5 is 5.

We write 2345 as **two thousand, three hundred and forty-five** in words.

2. Show 7028 using  and .

Thousands	Hundreds	Tens	Ones
7	0	2	8

7028 = 7 thousands 0 hundreds 2 tens 8 ones

7028 = 7000 + 0 + 20 + 8

The digit 7 is in the Thousands place.

The value of the digit 7 is 7000.

The digit 0 is in the Hundreds place.

The value of the digit 0 is 0.

We write 7028 as 7 thousands in words.

2000 Hundred and twenty eight



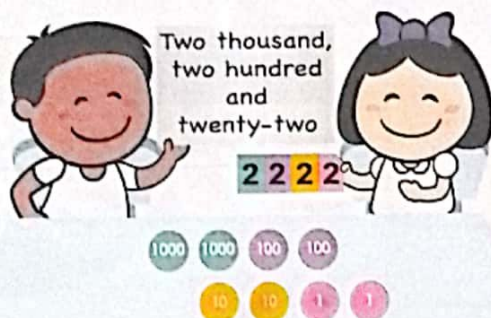
Work in pairs.

- 1 Use number discs to show a 4-digit number.
- 2 Get your partner to use  to show the number and to tell the value of each digit in the number.
- 3 Write the number in words.

What you need:



The value of the digit 2 in the thousands place is 2000.



- 4 Switch roles and repeat 1 to 3.

PRACTICE



1. Find the missing numbers.

7 9 1 4

$$7914 = 7000 + 900 + 10 + 4$$

The digit **9** is in the hundreds place.

The value of the digit 1 is **10**.

2. Write in words.

(a) 3992

(b) 5730

(c) 6408

(d) 9011

The masses of three animals are shown.



Hippopotamus
2500 kg



African elephant
5800 kg

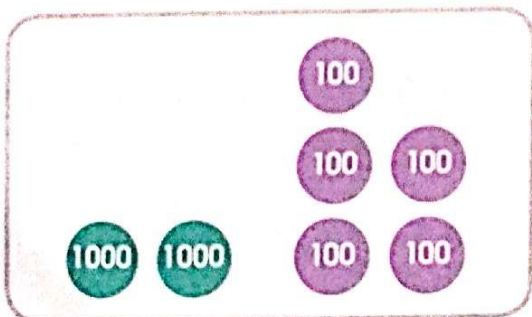


Rhinoceros
2350 kg

Which is heavier, the hippopotamus or the African elephant? African elephant
Which is the lightest? Rhinoceros

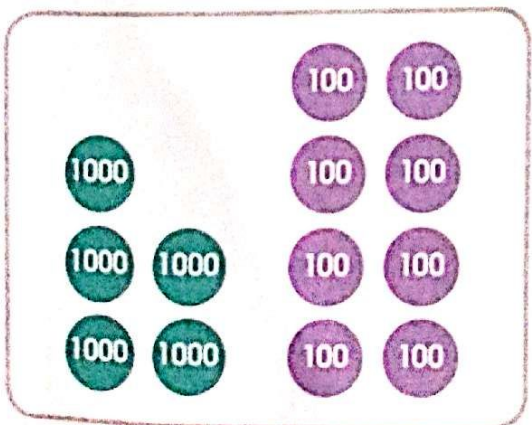
LET'S LEARN

- Compare the masses of the hippopotamus and the African elephant.



Hippopotamus

Thousands	Hundreds	Tens	Ones
2	5	0	0

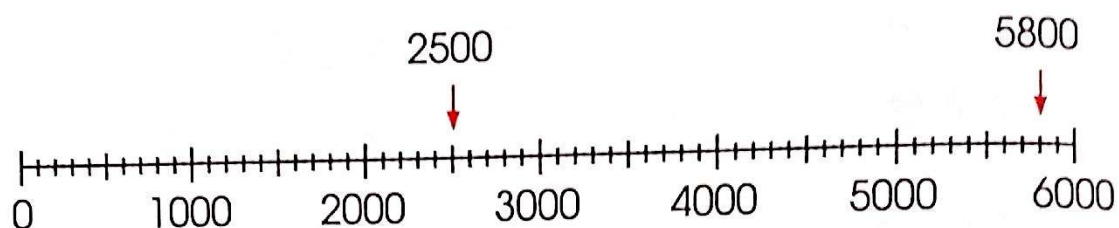


African elephant

Thousands	Hundreds	Tens	Ones
5	8	0	0

5 thousands is greater than 2 thousands.
5800 is greater than 2500.

We can also compare using a **number line**.



5800 is more than 2500.

The African elephant is heavier than the hippopotamus.

2. Which animal is the lightest? Rhinoceros



The African elephant is heavier than the hippopotamus.
It cannot be the lightest animal.

Compare the masses of the hippopotamus and the rhinoceros.

Use  to compare.

Hippopotamus

2 5 0 0

Rhinoceros

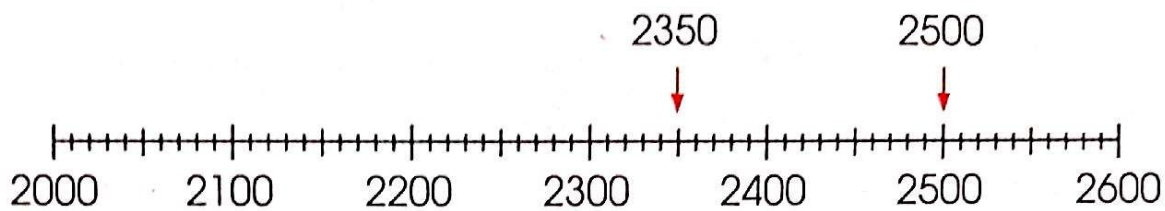
2 3 5 0

3 hundreds is smaller than 5 hundreds.

2350 is smaller than 2500.

2350 is the smallest.

We can also compare using a number line.



2350 is less than 2500.

The Rhinoceros is the lightest.

3. Compare the numbers 1081, 1801 and 1018.
Arrange the numbers in order, starting with the greatest.

Use a place-value chart or  to help you compare the numbers.



1801 is the greatest.

1018 is the smallest.

1801, 1081, 1018
greatest → smallest

5-09-25

classwork

Friday

PRACTICE



1. Compare the numbers.

(a)

6048 6804

6804 is greater than 6048.

6048 is smaller than 6804.

(b)

3910 3901 3091

3910 is the greatest.

3091 is the smallest.

2. Mount Everest and K2 are the two tallest mountains in the world. Which is taller, Mount Everest or K2?



Mount Everest
8848 m



K2
8611 m

Handwritten signature/initials.

3. Arrange the numbers in order, starting with the greatest.

(a) 2350, 5320, 5023, 5320, 5023, 2350

(b) 940, 9400, 9040, 4090 9400, 9040, 4090, 940

4. Arrange the numbers in order, starting with the smallest.

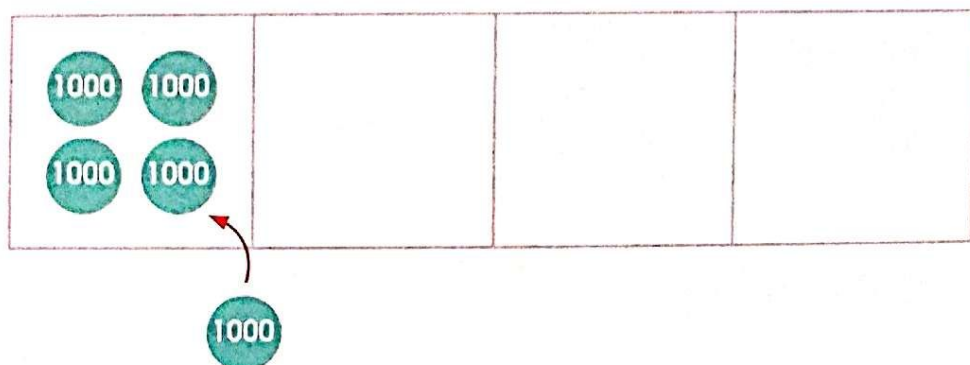
(a) 1028, 2810, 2801 1028, 2801, 2810

(b) 1324, 1234, 1423, 1342 1234, 1324, 1423

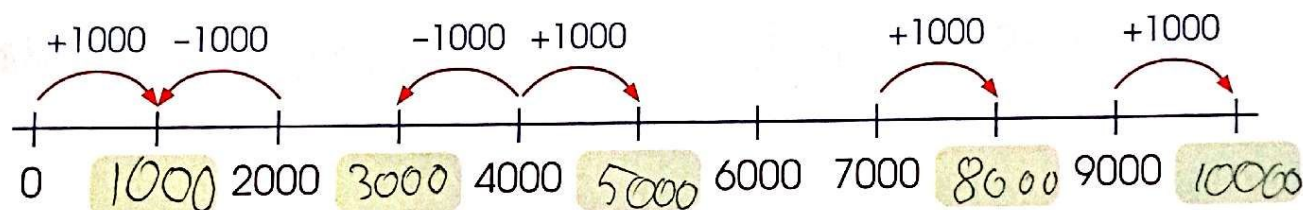
Complete Workbook 3A, Worksheet 3 • Pages 9 - 12



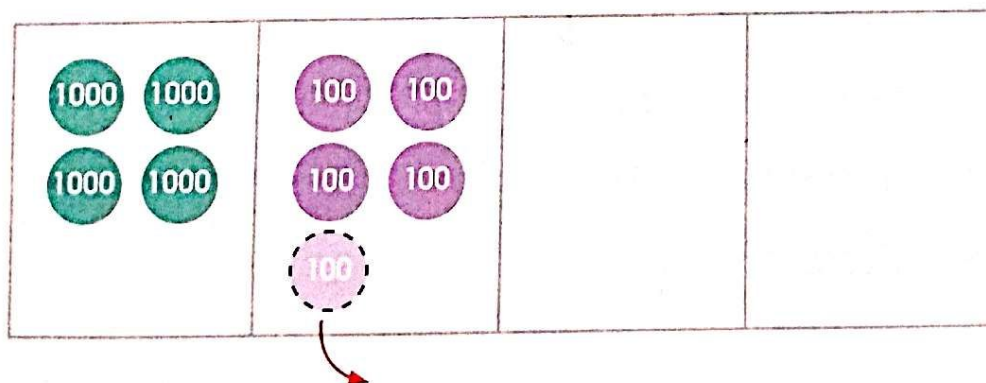
1. What is 1000 more than 4000?



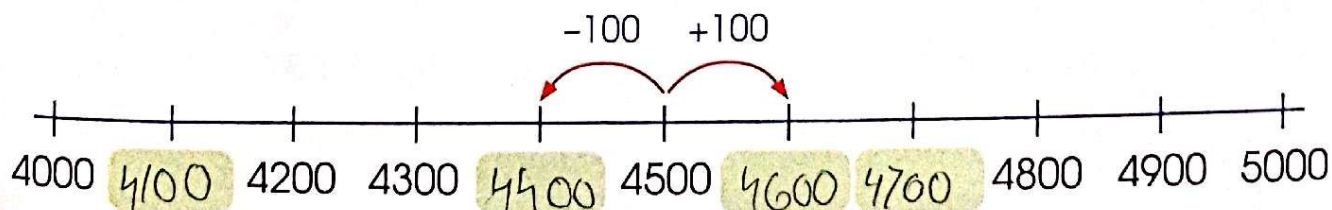
1000 more than 4000 is 5000.



2. What is 100 less than 4500?



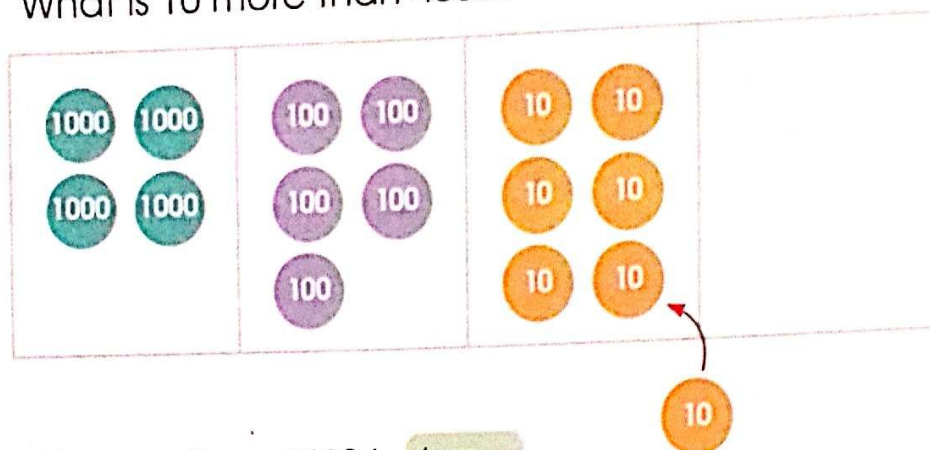
100 less than 4500 is 4400.



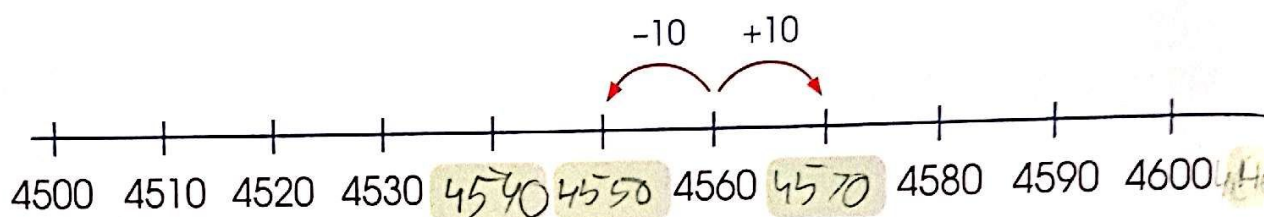
209-24

Classwork Monday

3. What is 10 more than 4560?



10 more than 4560 is 4570.



4. Use  to help you find the answers.

(a) 1 less than 2900 is 2899.

(b) 10 less than 3180 is 3170.

(c) 100 more than 4305 is 44305

(d) 2360 is 1 more than 2359.

(e) 3033 is 10 more than 3023.

(f) 8999 is 100 less than 9099.

$$\begin{array}{r} 9099 \\ - 100 \\ \hline 8999 \end{array}$$

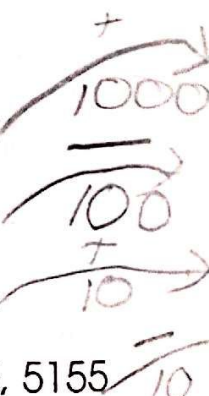
5. Complete the number patterns.
Explain how you get your answers.

(a) 2400, 3400, 4400, 5400, 6400, 7400, 8400

(b) 8188, 8088, 7988, 7888, 7788, 7688, 7588

(c) 3723, 3733, 3743, 3753, 3763, 3773, 3783

(d) 5225, 5215, 5205, 5195, 5185, 5175, 5165, 5155





1. Find the missing numbers.
- (a) 1 more than 3675 is **3676**.
 - (b) 100 less than 5108 is **5008**.
 - (c) **8009** is 1000 less than 9009.
 - (d) **3460** is 1000 more than 2460.
 - (e) 4313 is **100** more than 4213.
 - (f) 4190 is 10 less than **4180**.

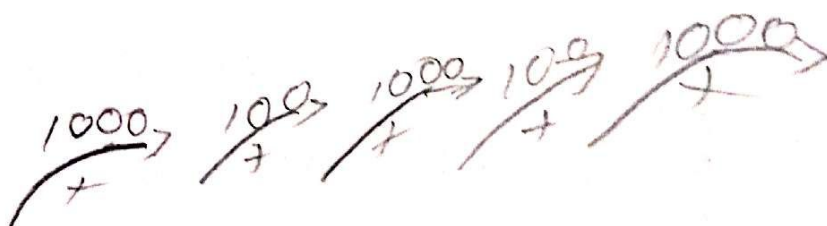
2. Complete the number patterns.
- (a) 2668, 2768, 2868, 2968, **3068**, 3168
 - (b) 9421, 8421, **7421**, 6421, 5421, 4421, 3421
 - (c) **4135**, 4125, 4115, 4105, 4095, **4085**

Complete Workbook 3A, Worksheet 4 • Pages 13 – 14



MIND WORKOUT

Look at the number pattern below.
What are the missing numbers?



900, 1900, 2000, **2100**, 3100, 4100, 4200, **5200**, 5300

Describe the number pattern.
You may use  to help you.



Bina wants to buy a laptop.

She goes to three shops to check the price of the laptop she wants to buy.



\$2188

Shop A



\$2181

Shop B



\$2175

Shop C

The three shops sell the same type of laptop at different prices.

Which shop should Bina buy the laptop from?

Explain your answer. *shop C because it's cheapest*

I know how to...

SELF-CHECK

- ☐ count to 10 000.
- ☐ write numbers up to 10 000 in numerals and in words.
- ☐ tell the value of a digit in a number.
- ☐ compare and order numbers within 10 000.
- ☐ describe and complete number patterns.

Math
Diagnostic Worksheet
Grade III

1. How many groups of 5 make 35? 7
2. $\frac{1}{2}$ of 18 = 9
3. The sum of 23 and 17 is = 40
4. The product of 4 and 7 is 28
5. There are 365 days in a year.
6. 100 is the smallest 3-digit number.
7. Cuboid has 8 faces and 16 edges.
8. 3, 6, 9, 12, 15, 18, 21, 24, 27, 30.
9. $217 = 200 + 10 + 7$
10. We measure length in metre (grams / metre)
11. 8 boys have 16 eyes.
12. September is a 9 month of the year.
13. There are 24 hours in a day.
14. 30 fewer than 50 is 20.
15. 10 tens make 1 hundred.
16. Solve these.

a) $\begin{array}{r} 75 \\ +16 \\ \hline 91 \end{array}$

$\begin{array}{r} 91 \\ \hline \end{array}$

b) $\begin{array}{r} 69 \\ -14 \\ \hline 55 \end{array}$

$\begin{array}{r} 55 \\ \hline \end{array}$

Signature

September

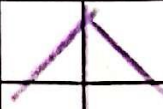
class work

Tuesday

Ordering
smallest
greatest
Ascending
Descending

counting upto

10,000



Place
value
unit

Ten

Hundred

Thousand

Ten

Hundred

Number in

10,000

Number
pattern
skip
counting



comparing

$49 < 67$

8-September

Home Work

Monday

Unit #1

analytical question 1/5/15

Sara writes a 3 digit number on her. She says:

the digit in the ten place is 4

the value of the digit in the Hundred place is 200

the digit in the ones place is two less the digit in the ten place

What are all the possible number the Sara could have written show how you know

ANS

1	4	0
2	4	2

10-04-25

classwork

Wednesday

Unit #1

Q Add

HW

$$a) 8232 + 65 = 8297$$

$$\begin{array}{r} 8232 \\ + \end{array}$$

$$\begin{array}{r} 8232 \\ + \end{array}$$

$$\begin{array}{r} 8232 \\ + 65 \\ \hline 8297 \end{array}$$

$$\begin{array}{r} 8232 \\ + 65 \\ \hline 8297 \end{array}$$

$$b) 250 + 4644 = 4894$$

$$\begin{array}{r} 250 \\ + 4644 \\ \hline 4894 \end{array}$$

$$\begin{array}{r} 250 \\ + 4644 \\ \hline 4894 \end{array}$$

$$\begin{array}{r} 250 \\ + 4644 \\ \hline 4894 \end{array}$$

$$c) 6108 + 1530 = 7638$$

$$\begin{array}{r} 6108 \\ + 1530 \\ \hline 7638 \end{array}$$

$$\begin{array}{r} 6108 \\ + 1530 \\ \hline 7638 \end{array}$$

$$\begin{array}{r} 6108 \\ + 1530 \\ \hline 7638 \end{array}$$

$$d) 7223 + 2634 = 9857$$

$$\begin{array}{r} 7223 \\ + 2634 \\ \hline 9857 \end{array}$$

$$\begin{array}{r} 7223 \\ + 2634 \\ \hline 9857 \end{array}$$

$$\begin{array}{r} 7223 \\ + 2634 \\ \hline 9857 \end{array}$$

$$\begin{array}{r} 7223 \\ + 2634 \\ \hline 9857 \end{array}$$

Analytical Question

Analytical Question

Tom has 15 pencils in his pencil box his friend gives him 8 more pencils. later Tom finds 4 more in his desk

a)

How many pencils did Tom get from his friend?

8 pencils ✓

b)

How many pencils did Tom have now?

1

$$15 + 8 + 4 = 27$$

What math operation

+

✓