

Early Stage 1

Numeracy

Learning Pack



Term 4
Week 2

The expectation is that you complete the entire grid. Work across the grid from left to right, completing activities in order from number 1 to 10.

This fortnight we will be learning:

- ☐ Identify numbers before and after given numbers.
- ☐ Read and label an analog clock correctly.
- ☐ Estimate which containers will hold more or less.
- ☐ Identify and compare long and short objects.
- ☐ Count and display data.
- ☐ Subtract one number from another.

- ☐ Each day you should be attempting **2 activities**. **Activities with a ✓ are compulsory tasks.** These are to be submitted for feedback from teachers. You need to upload your ✓ task on Seesaw and return it to school when we resume face-to-face learning.

Activities

1. Before & After Numbers

Read the number in the middle of each line.

Identify the numbers that come before and after the given number in each question.

Before and After 0-30

Place the missing numbers on the number line.

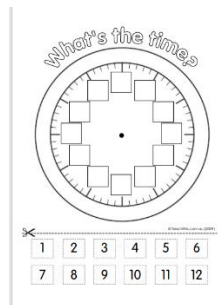
				8				
				5				
				12				
				4				
				17				
				20				
				26				

2. What's the time?

Using a clock from around the house or an image of a clock, place the numbers in the correct order around the clock face.

Use the clock to practice your o'clock times.

Remember that o'clock is when the long hand is pointing on the 12.



3. Fill it up!

Collect some containers of different sizes.

Choose something to fill your containers with such as water, damp sand, or blocks (for example)

Predict which containers will hold the most and order them from most to least.

Pack/fill the containers to determine which can fit the most.

Discuss the results

If you used blocks, talk about how the blocks can be packed without leaving any gaps.

Model how to pour and fill the containers, emphasising the use of only one kind of material.

4. Long Creatures

You will need:

- cardboard or paper (cut into thin strips)
- craft materials
- pencils or markers

Instructions

- Fold the strips into different lengths.
- Decorate your cardboard strips to help them come to life!
- Order your creatures from the shortest to tallest (for example).
- Draw your creatures in your mathematics workbook.

Use this link for more information and examples.

<https://sites.google.com/education.nsw.gov.au/es1-math-digital-resource-1/long-creatures?authuser=0>

5. Go Fish!

Each player gets 7 cards. The rest of the cards are placed in a pile in the middle

Players try to make pairs that are 1 more, 1 less, 2 more, or 2 less.

Once they can't make any more pairs, they can take turns to ask their opponent.

If their opponent has a card of that number they must give it to the asking player.

If they don't, they say 'Go Fish' and the player gets a card from the central pile of cards.

Play continues until one player has no more cards left in their hand. They are the winner!

Watch the video below before playing

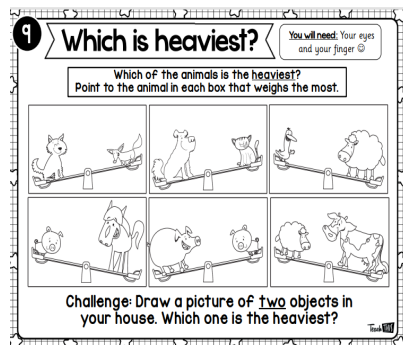
<https://sites.google.com/education.nsw.gov.au/get-mathematical-early-stage-1/contexts-for-practise/go-fish-relationships?authuser=0>

6. Which is heaviest?

Heavy objects are things that weigh more or are harder for us to pick up.

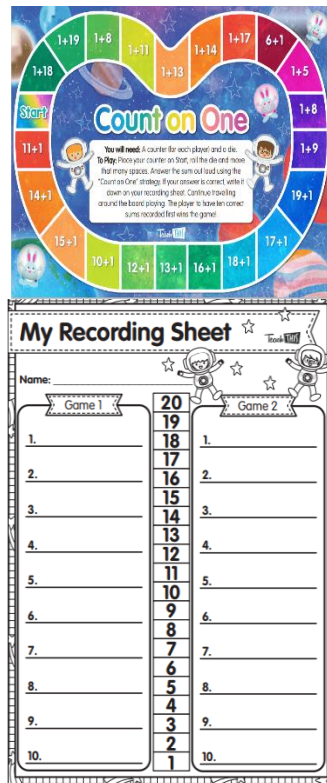
Which of the animals do you think would be heavier in each pair? Colour in the animal that is heavier.

Challenge: Find 2 objects in your house. Draw them and find out which one is the heaviest.



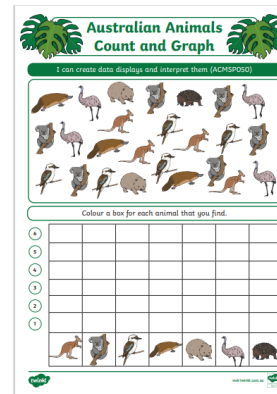
7. Count On One

Using the game board, practice your counting on in this fun game! Roll a dice and move that many places. Answer the question out loud and record on the sheet. First player get 10 answers correct wins!

8. Graphing ✓ **MUST DO ACTIVITY**

In the picture you will find different Australian animals. There are kangaroos, koalas, kookaburras, platypus, wombats, emus and echidnas.

For each of the animals you count in the box at the top, colour in a box below to create a display (graph) showing how many of each animal there is.



Challenge: Which animal was there the most of? Which animal was there the least of? Were there animals that had the same amount?

9. Matching Numbers for Two

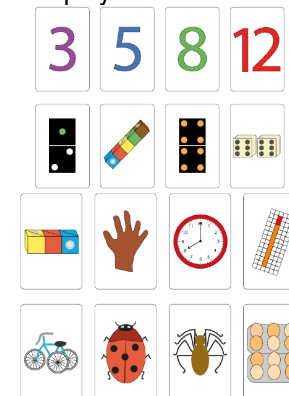
Using the interactive game or the game cards take turns matching two cards.

The two cards will not be identical but for example a number 2 card and a card with 2 objects would match.

Keep playing until all the cards are matched.

Interactive game:
<https://nrich.maths.org/11116>

Challenge: Create your own set of cards to play with!



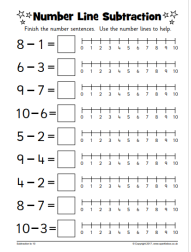
10. Number Line Subtraction

Subtraction is when we have a number and we need to take away a smaller number from it.

We can do this by counting backwards, using objects to help us or using a number line.

When you use a number line you start at the biggest number in the question and subtract the smaller number (this is the number of 'jumps' backwards on the line)

Complete the subtraction questions by using the number line.



Numeracy Resources

Hi, Early Stage 1! Check out
your learning resources
inside



Activity 1

Before and After 0 -30

Place the missing numbers on the number line.

Name: _____

8

5

12

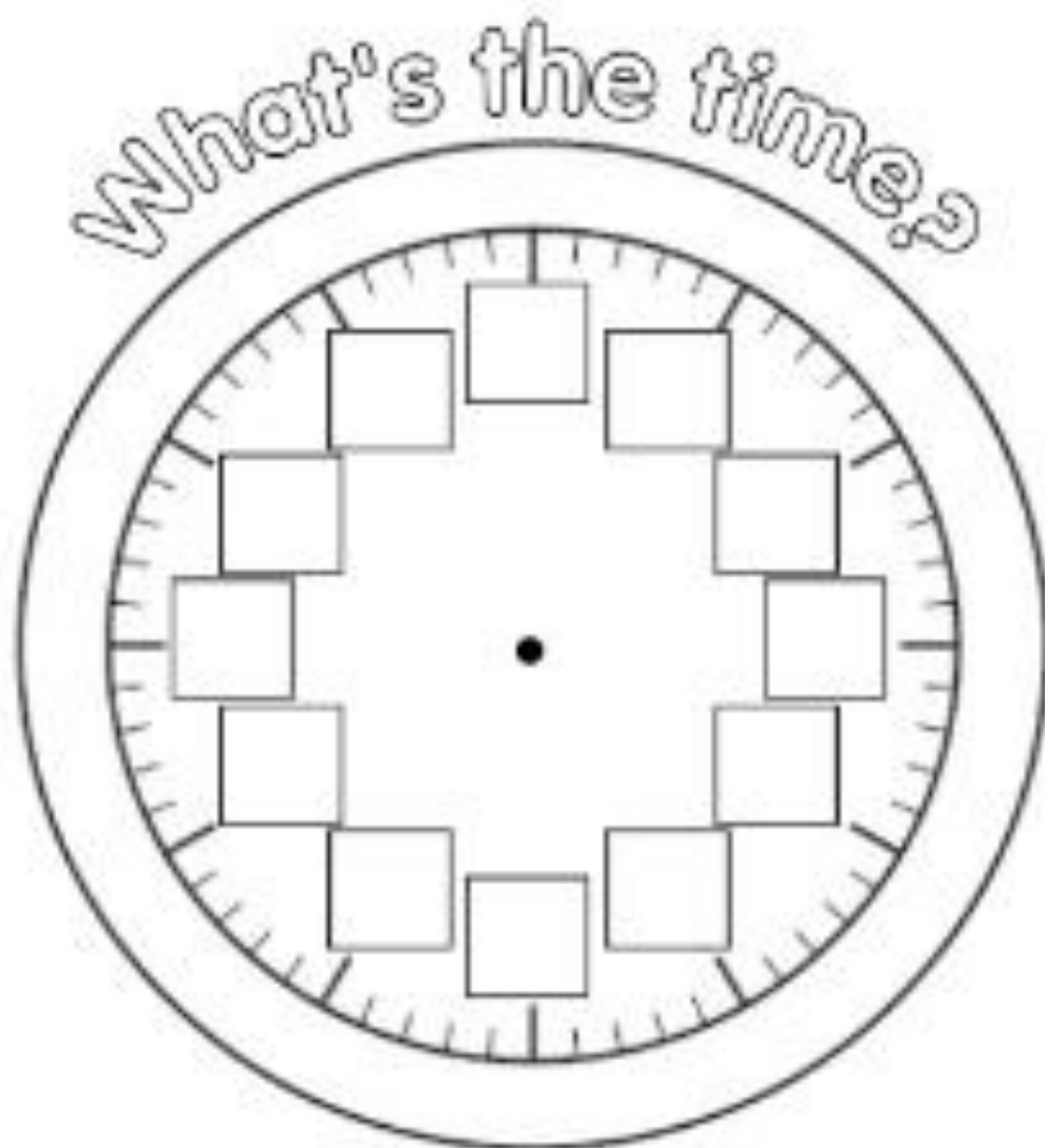
4

17

20

26

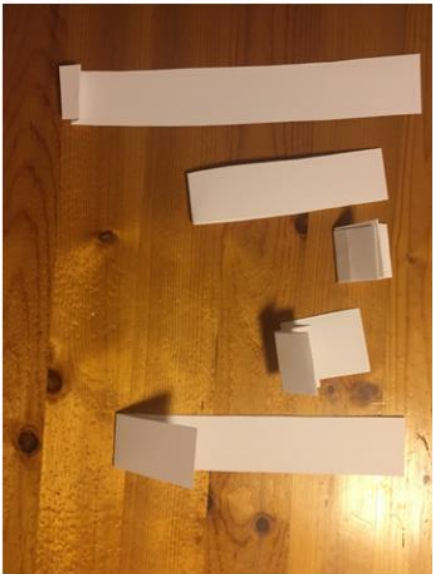
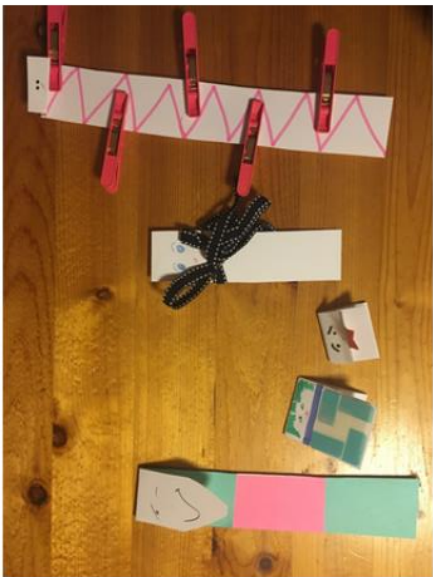
Activity 2



© Thomas Nelson Ltd. (2009)

1	2	3	4	5	6
7	8	9	10	11	12

Activity 4 - Example

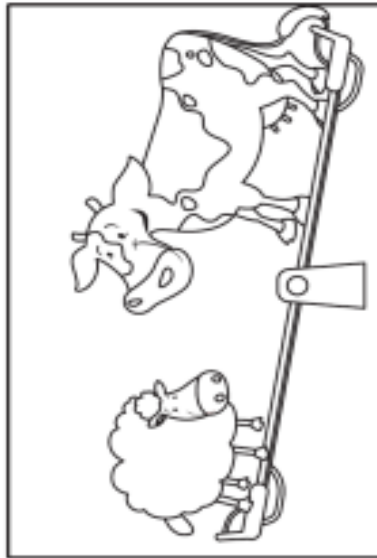
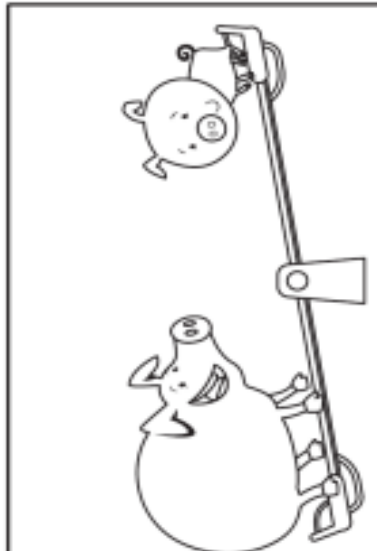
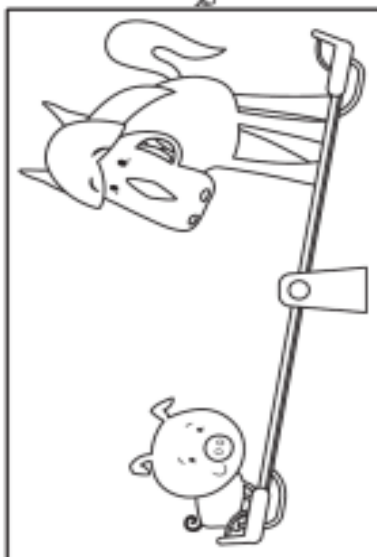
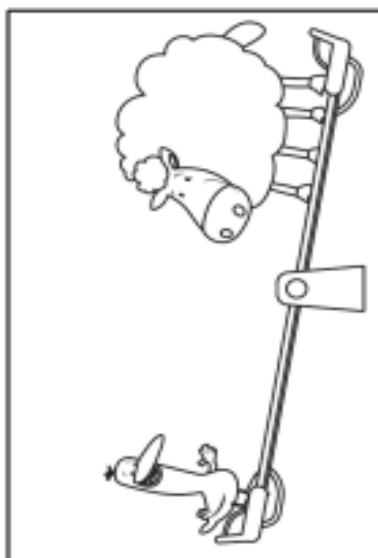
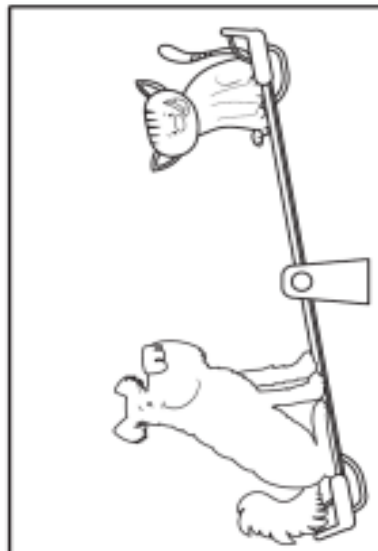
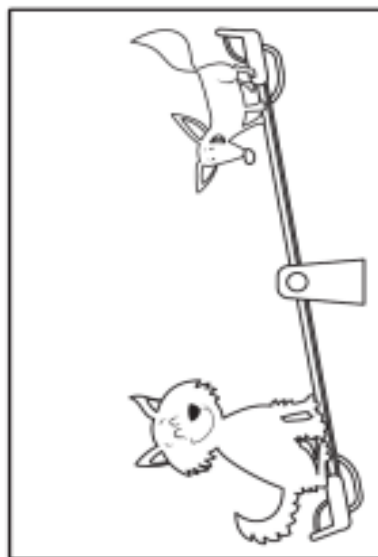


9

Which is heaviest?

You will need: Your eyes
and your finger 😊

Which of the animals is the heaviest?
point to the animal in each box that weighs the most.



Challenge: Draw a picture of two objects in
your house. Which one is the heaviest?

Activity 7 - Gameboard



Activity 7 – Recording Sheet

My Recording Sheet

Name: _____

Game 1

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

20

19

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

Game 2

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.









Australian Animals Count and Graph



I can create data displays and interpret them (ACMSP050)

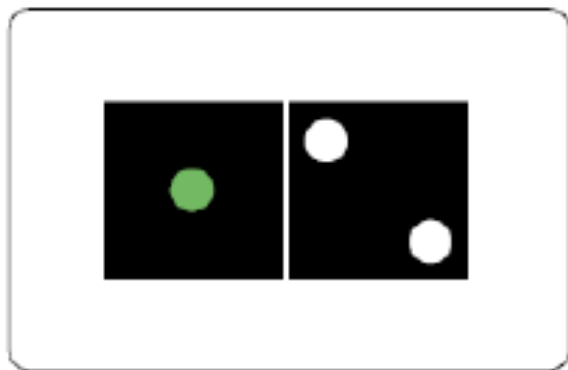
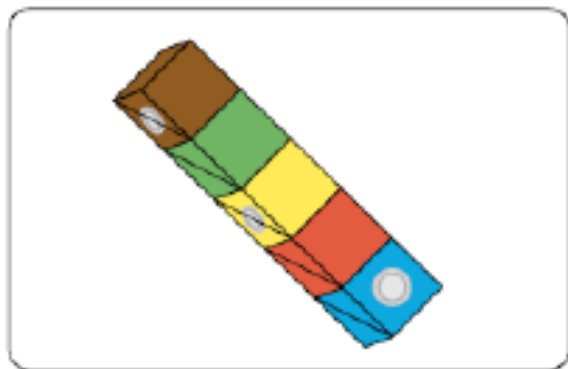
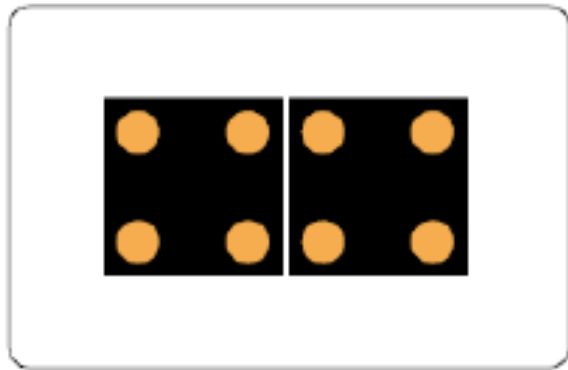
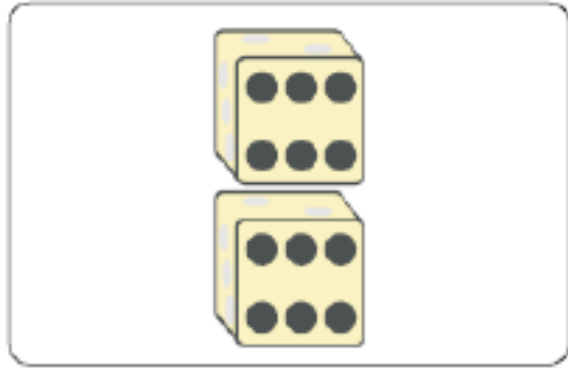


Colour a box for each animal that you find.

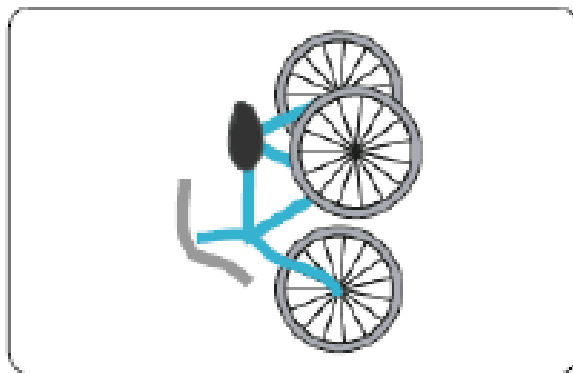
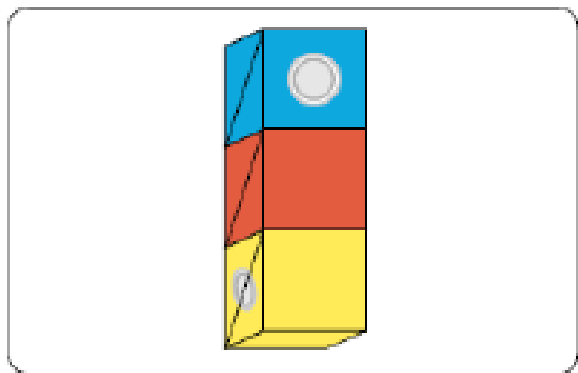
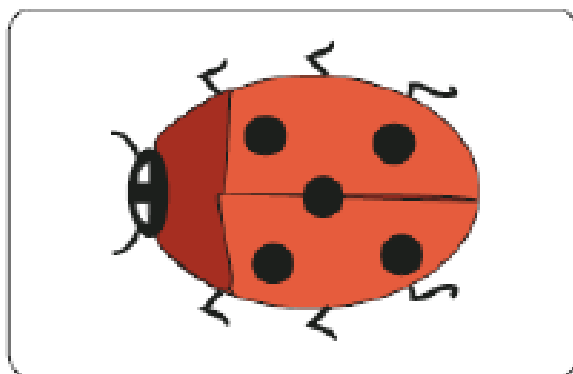
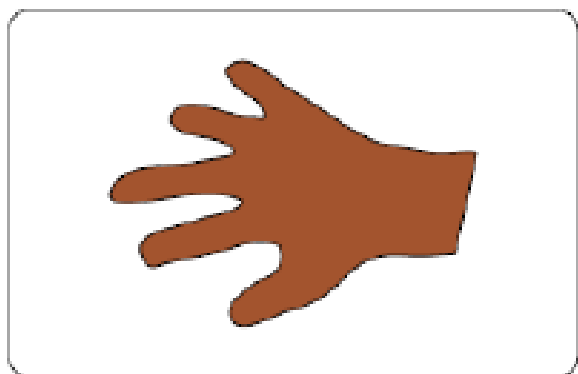
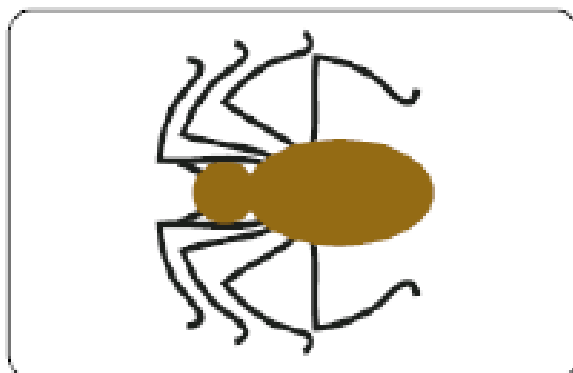
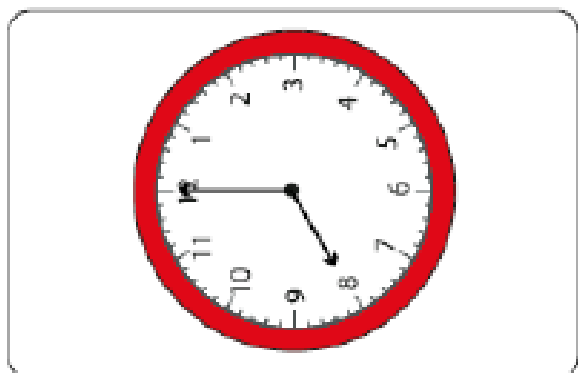
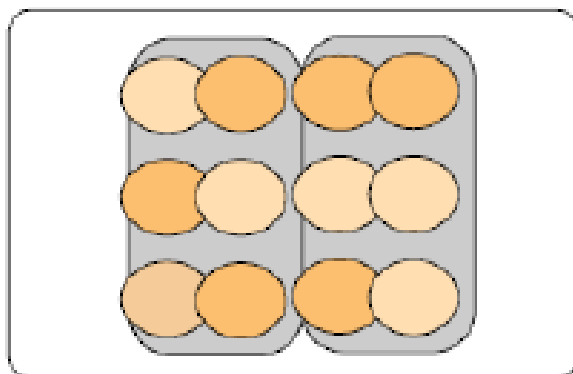
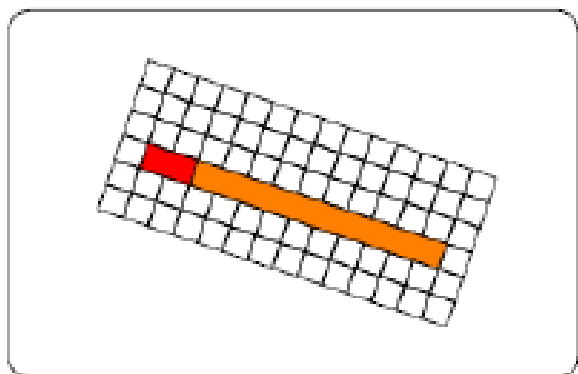
6						
5						
4						
3						
2						
1						
						



Activity 9



Activity 9 - Continued

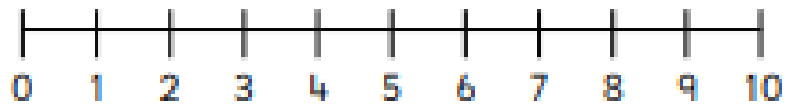


Activity 10

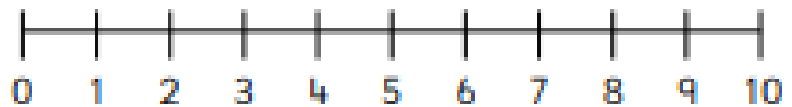
☆☆ Number Line Subtraction ☆☆

Finish the number sentences. Use the number lines to help.

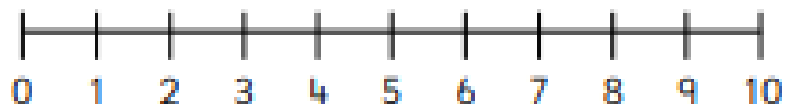
$8 - 1 = \square$



$6 - 3 = \square$



$9 - 7 = \square$



$10 - 6 = \square$



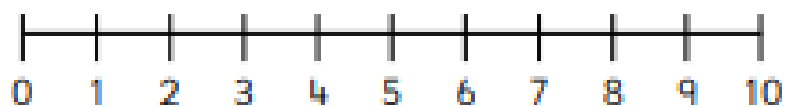
$5 - 2 = \square$



$9 - 4 = \square$



$4 - 2 = \square$



$8 - 7 = \square$



$10 - 3 = \square$

