

Mathematics – Week Four

Monday

Tuesday

Wednesday

Thursday

Friday

Online Learning

* Task 1:

Write the numbers 1-10 on the bottom of cupcake liners or plastic cups. You will also need some small objects, like pom poms, marbles, blocks.

Take one cupcake liner or cup, look at the number on the bottom and place that many objects in it.

Continue until all cupcake liners or cups are done.

Extension: Use tongs to put the objects into the cupcake liners or cups, to strengthen hand muscles as well.



* Task 1: **10 or Bust**

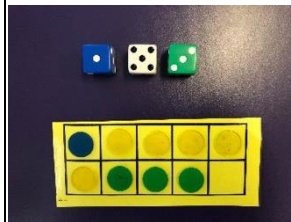
You will need a ten frame, a dice, and some counters (or something small to put in the ten frame).

- Roll the dice 3 times and put the matching number of counters on your ten frame.

- You can choose to miss 1 turn.

- If you go over 10, you have 'busted' and will need to start again.

- The player closest to 10 after 3 rolls each is the winner.



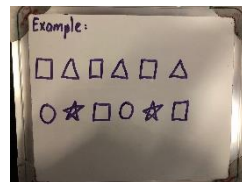
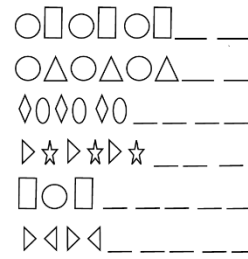
* Task 1: **Patterns**

Complete the attached worksheet by continuing the patterns (drawing the shapes that come next).

After you have completed the worksheet, collect a range of objects from home and create your own repeating pattern with those objects. They could be coloured counters, small toys, blocks. If you do not have any objects to use, you can draw 2 of your own repeating patterns, using shapes of your choice.

[Patterns with geometric shapes](#)
Kindergarten Simple Math Patterns Worksheet

Complete the patterns:



Task 1: **Counting On Strategy**

Counting On is a beginning math strategy. Counting on means that you start with the biggest number in a question, and then count up from there.

Example: 5+3

Students start with putting the "5" in their heads, and then count up, "6, 7, 8."

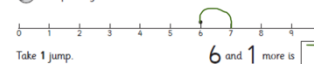
Begin with these questions:

- a) $4 + 2$
- b) $6 + 1$
- c) $3 + 3$
- d) $7 + 2$

The Counting On strategy can also be shown using 'jumps' on a number line as shown below.

Complete the attached worksheet by using the jumps to answer the questions.

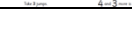
1 Jump along the number lines. Finish the number sentences.



Addition - counting on



1 Jump along the number line. Finish the number sentences.



Make sure you start at the first number in the question. Don't start back at 1.

* Task 1: **Subtraction Cross Out**

Draw 10 pictures in your workbook. Something that is simple and easy.



Cross out 3 of your pictures.



Count how many you have left.

Write: $10 - 3 = 7$

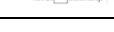
Complete the Subtraction worksheet attached by crossing out the pictures to show how many are left.

Subtraction - 10



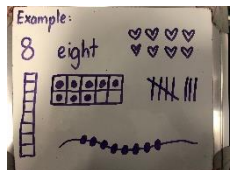
1 Cross off to take away.

Tap the number from the box.



* Task 2:

Draw all the different ways you can make the number 8. Think of drawing 8 in a ten frame, drawing 8 pictures of something, using Lego blocks, using tally marks, beads on a string, writing the number, writing the number name.



Websites for the week:

Prodigy - Online Activities:
<https://play.prodigygame.com/>

Sumdog - Online Activities:
https://www.sumdog.com/user/sign_in

Numbers 1-20.
<https://www.youtube.com/watch?v=eHbByA0fQnQ>

Counting Backwards from 20:
<https://www.youtube.com/watch?v=srPktd4kO8>

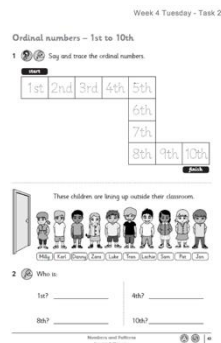
Count to 20:
<https://www.youtube.com/watch?v=Aq4UAss3qA>

Task 2:

Write down the numbers 1-10 in your workbook. Pretend that your numbers were in a race, say the places that your numbers would have come in the race.

1. First (1st)
2. Second (2nd)
3. Third (3rd)
4. Fourth (4th)
5. Fifth (5th)
6. Sixth (6th)
7. Seventh (7th)
8. Eighth (8th)
9. Ninth (9th)
10. Tenth (10th)

Complete the attached worksheet on Ordinal Numbers.



Task 2:

Click the link below to play the Teddy Numbers Game:
<https://www.topmarks.co.uk/learning-to-count/teddy-numbers>

You can choose a level to suit you, and can even challenge yourself by choosing the 'Words up to 10' option.



* Task 2:

Write down numbers 0-20
 0 1 2 3 4 5 6 7 8 9 10
 11 12 13 14 15 16 17 18 19 20

Note: You can do this with a pencil, or water on a paint brush or on an etcher sketcher or with play dough.

What's The Number Before and After questions from 1-20.

Example:
 What is the number before 17?
 What is the number after 17?

Task 2:

Click the link below to play the Ladybird Spots Game:
<https://www.topmarks.co.uk/learning-to-count/ladybird-spots>

Make sure you click the option of 'Ordering', so you can practice ordering numbers from smallest to largest or largest to smallest.



Non-Digital Learning

Task 1:

Write the numbers 1-10 on the bottom of cupcake liners or plastic cups. You will also need some small objects, like pom poms, marbles, blocks.

Take one cupcake liner or cup, look at the number on the bottom and place that many objects in it.

Continue until all cupcake liners or cups are done.

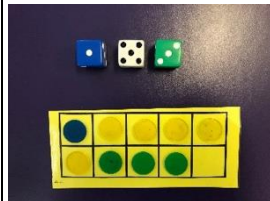
Extension: Use tongs to put the objects into the cupcake liners or cups, to strengthen hand muscles as well.



Task 1: 10 or Bust

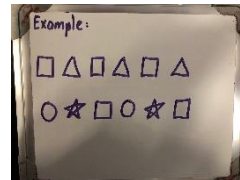
You will need a ten frame, a dice, and some counters (or something small to put in the ten frame).

- Roll the dice 3 times and put the matching number of counters on your ten frame.
- You can choose to miss 1 turn.
- If you go over 10, you have 'busted' and will need to start again.
- The player closest to 10 after 3 rolls each is the winner.



Task 1: Patterns

Complete the attached worksheet by continuing the patterns (drawing the shapes that come next). After you have completed the worksheet, collect a range of objects from home and create your own repeating pattern with those objects. They could be coloured counters, small toys, blocks. If you do not have any objects to use, you can draw 2 of your own repeating patterns, using shapes of your choice.



Task 1: Counting On Strategy

Counting On is a beginning math strategy for addition. Counting on means that you start with the biggest number in a question, and then count up from there.

Example: 5+3

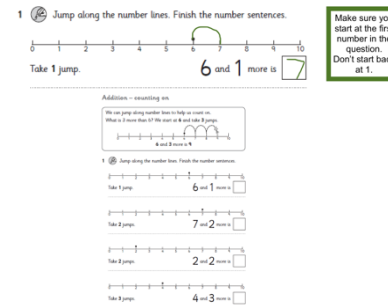
Students start with putting the "5" in their heads, and then count up, "6, 7, 8."

Begin with these questions:

- a) 4 + 2
- b) 6 + 1
- c) 3 + 3
- d) 7 + 2

The Counting On strategy can also be shown using 'jumps' on a number line as shown below.

Complete the attached worksheet by using the jumps to answer the questions.



Task 1: Subtraction Cross Out

Draw 10 pictures in your workbook. Something that is simple and easy.



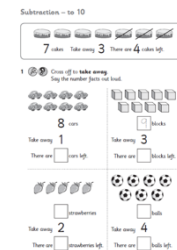
Cross out 3 of your pictures.



Count how many you have left.

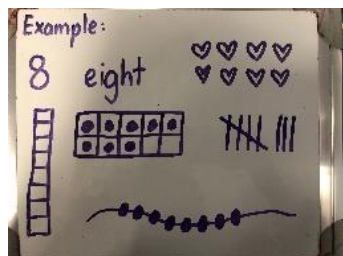
Write: 10 - 3 = 7

Complete the Subtraction worksheet attached by crossing out the pictures to show how many are left.



Task 2:

Draw all the different ways you can make the number 8. Think of drawing 8 in a ten frame, drawing 8 pictures of something, using Lego blocks, using tally marks, beads on a string, writing the number, writing the number name.

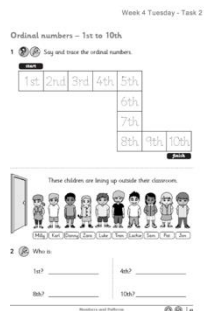


Task 2:

Write down the numbers 1-10 in your workbook. Pretend that your numbers were in a race, say the places that your numbers would have come in the race.

1. First (1st)
2. Second (2nd)
3. Third (3rd)
4. Fourth (4th)
5. Fifth (5th)
6. Sixth (6th)
7. Seventh (7th)
8. Eighth (8th)
9. Ninth (9th)
10. Tenth (10th)

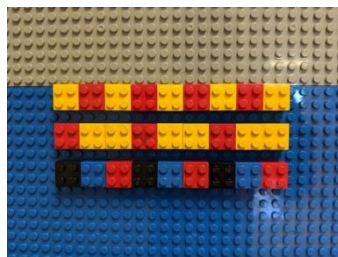
Complete the attached worksheet on Ordinal Numbers.



Task 2:

Find 10 objects at home. They can be anything from Lego, toy cars, fruit, clothes, even buttons or beads. Make sure you have more than 1 of each item.

Make 3 of your own repeating patterns using these objects.



Task 2:

Write down numbers 0-20

0 1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20

Note: You can do this with a pencil, or water on a paint brush or on an etcher sketcher or with play dough.

What's The Number Before and After questions from 1-20.

Example:



What is the number before 17?
What is the number after 17?

Task 2:

Order the numbers 0-20 into the right order using the number cards you have from last week.

0 1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20

Ordinal numbers – 1st to 10th

1   Say and trace the ordinal numbers.

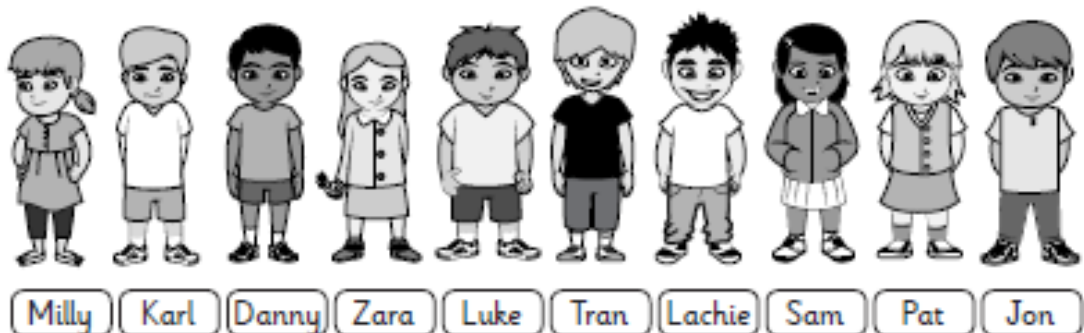
start

1st	2nd	3rd	4th	5th			
				6th			
				7th			
				8th	9th	10th	

finish



These children are lining up outside their classroom.



2  Who is:

1st? _____

4th? _____

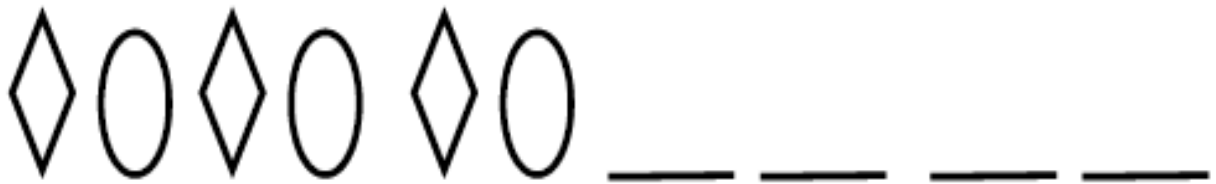
8th? _____

10th? _____

Patterns with geometric shapes

Kindergarten Simple Math Patterns Worksheet

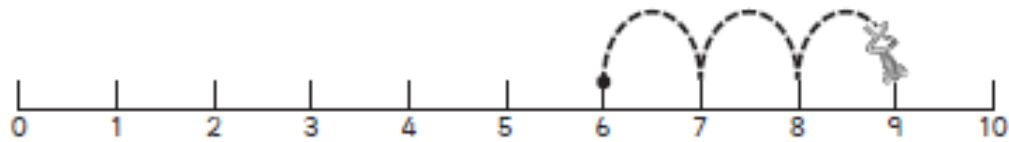
Complete the patterns:




Addition – counting on

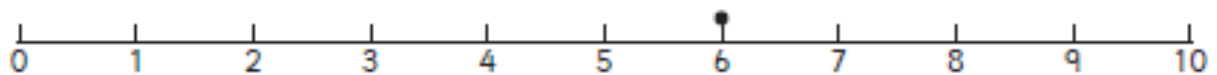
We can jump along number lines to help us count on.

What is 3 more than 6? We start at **6** and take **3** jumps.



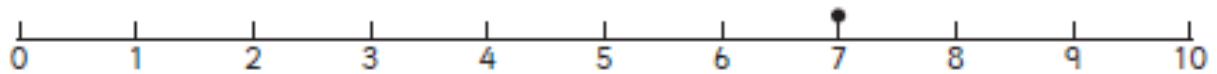
6 and **3** more is **9**

- 1  Jump along the number lines. Finish the number sentences.



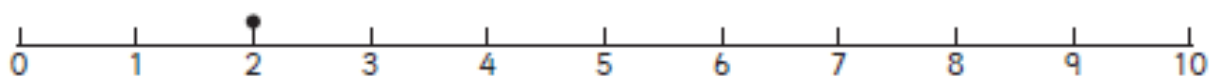
Take **1** jump.

6 and **1** more is



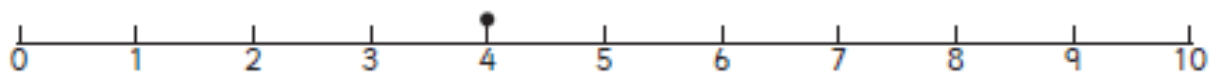
Take **2** jumps.

7 and **2** more is



Take **2** jumps.

2 and **2** more is





Take **3** jumps.

4 and **3** more is

Subtraction – to 10



7 cakes Take away 3 There are 4 cakes left.

- 1   Cross off to **take away**.
Say the number facts out loud.



8 cars

Take away 1

There are cars left.



blocks

Take away 3

There are blocks left.



strawberries

Take away 2

There are strawberries left.



balls

Take away 4

There are balls left.