



Esso

FAMILY

MATH

EARLY YEARS HOMEBOOK

Extended Weeks 7 - 10

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Nancy Chapple

This book belongs to . . .

Please bring your home activity book to all Family Math Nights

HOMEBOOK "TRAVELLING ME"

On the way to school today,

- Look for license plates with the numbers

1	2	3
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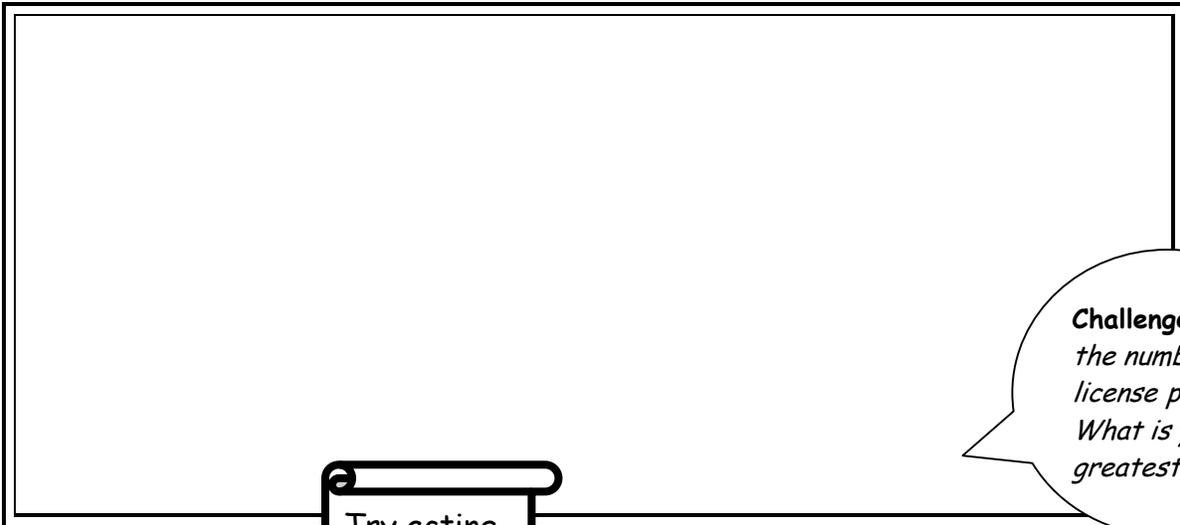
On the way home from school today,

- Look for license plates with the numbers

6	7	8
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Any order!

In the rectangle below, draw a license plate that has the numbers **7 8 9** on it.



Challenge: Add the numbers on license plates. What is your greatest sum?

Try acting out this poem

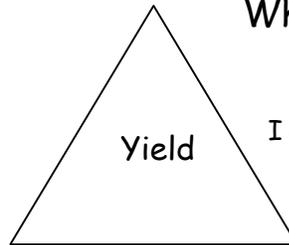
The yellow school bus
The **big** red truck
The **little** blue car
Went down the street
Honk, Honk

Then a car came from the **left**
And a car came from the **right**
And they **all** drove down
To the traffic light.
Honk, Honk

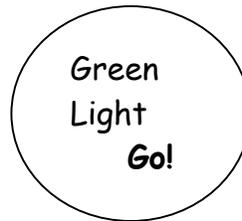
The yellow school bus
The **big** red truck
The **little** blue car and **two more**
Went down the street
Honk, Honk

Then a car came from the **left**
And a car came from the **right**
And they **all** drove down
To the traffic light
Honk, Honk

What is my shape?



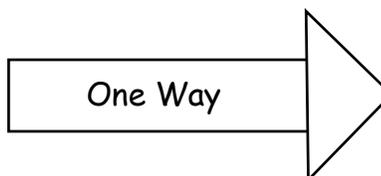
I am a _____.



I am a _____.



I am a _____.



What **two** shapes make this sign?

What signs can you find on your street?

In your estimating jar,
place a **small** handful of stones.
(more than 1 but less than 30)

Draw 10 stones in the ten
frame below.
Do you think there are more
than 10 stones or less than
10 in your estimating jar?

Leave your jar out for everyone to look at. Ask friends and family to take a guess.
At the end of the week, take the stones out. Use the ten frame above
or the group of ten frames at the back of the home book to count.

*My guess
was too big!*

*My estimate
was too small!*

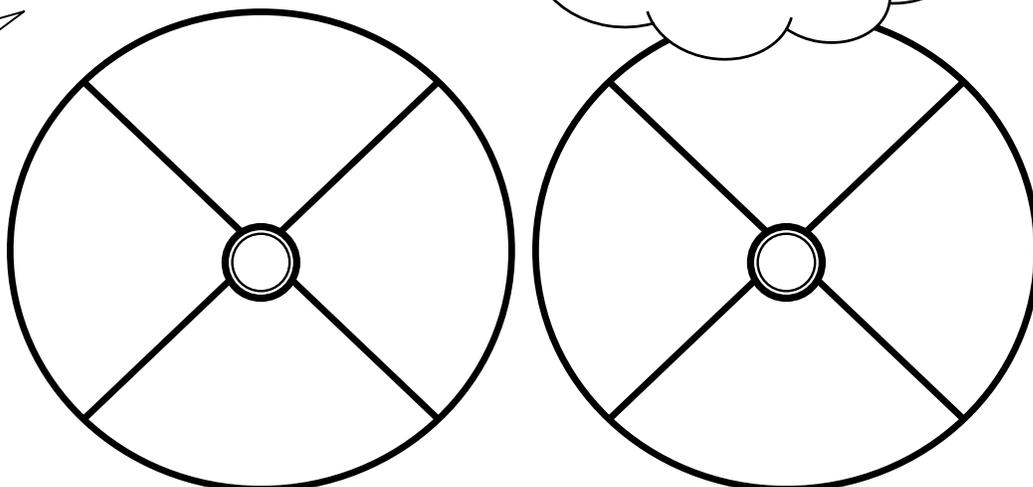
*I was **In the Zone!** Not
too big and not too small.
I was close.*

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

The wheelbarrow has **1** wheel. My bike has **2** wheels but a tricycle has **3** wheels.
Our car has **4** wheels.

Design a pattern for these two bicycle wheels.

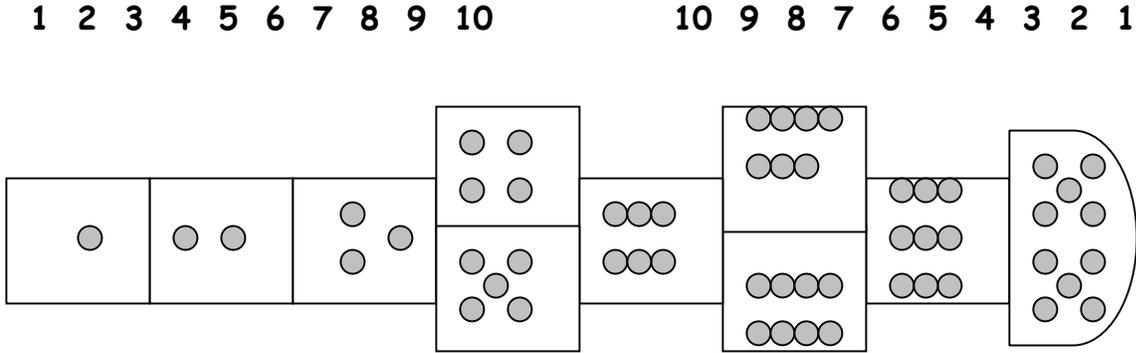
*Are your
patterns
the same or
different?*



Colour the sections
blue, red, blue, red **or**
circle, star, circle, star
or create your own
special pattern!

HOMEBOOK "ACTIVE ME"

Take your sidewalk chalk and your beanbag outside. Make a hopscotch board on the sidewalk. Throw your beanbag and hop to the square that holds your beanbag. Go all the way to ten and then hop back to start again.



Shoelace

Now... Take your Shoelace and measure things in your kitchen.



How many shoelaces **high** is your table?
How many shoelaces **long** is your table?



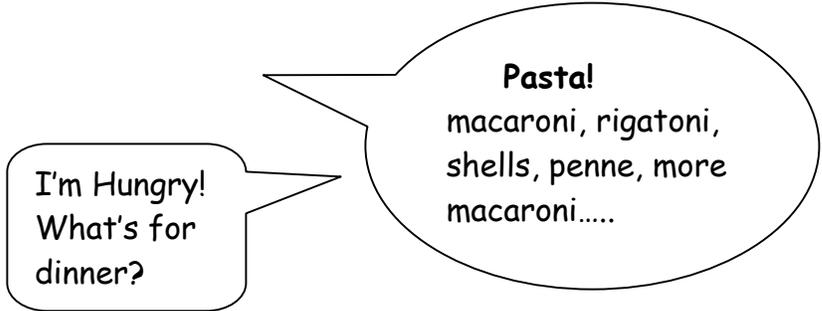
Challenge: *Can you find something exactly one shoelace long?*

Now... go to your bedroom.....

Use your shoelace to measure your bed....

What do you predict? *Guess then check!*

What else can you measure with your shoelace?



Take a small handful of pasta (more than 1 but less than 30) and put it into your estimating jar. What kind of pasta did you use? Draw 10 below.

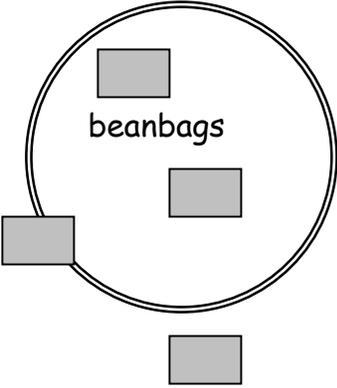
Leave your pasta in the jar for other people to look at and guess. At the end of the week, take it out and count it using the ten frame above or the group of ten frames at the back of the book. Did you have more than 10 or less than 10? Try a different kind of pasta.

Circle one My guess was too small. My estimate was too big. I was **In the Zone!** I was close.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

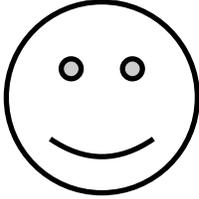
Take your skipping rope outside.....

This is my rope.



Make a circle with your skipping rope.
Stand 10 paces away.
Throw your bean bag into the circle

This is me.



How many times did you get it in?
Keep a tally with your chalk. Try it at 5 paces. ..15 paces!

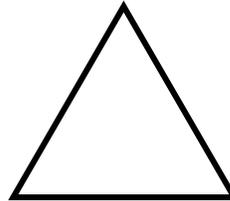
Make a square with your skipping rope. Throw again. Tally.
Make a triangle with your skipping rope. Throw again. Tally.

HOMEBOOK "SLEEPY ME"

Take your bath towel and fold it.

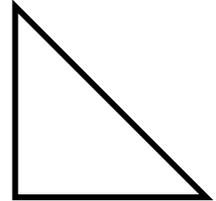
Hint: A kitchen dish towel may be easier...

First.....Fold it into a triangle.

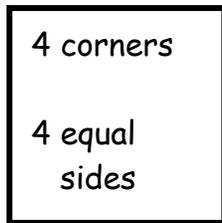


3 sides

3 corners



Next..... Fold it into a square.



What shape is your unfolded towel?
What other shapes can you make?
Are there any shapes you can not make?

The Napping House is a great bedtime story.

How many bedtime storybooks do you have at your house?

Tally the number of books below.

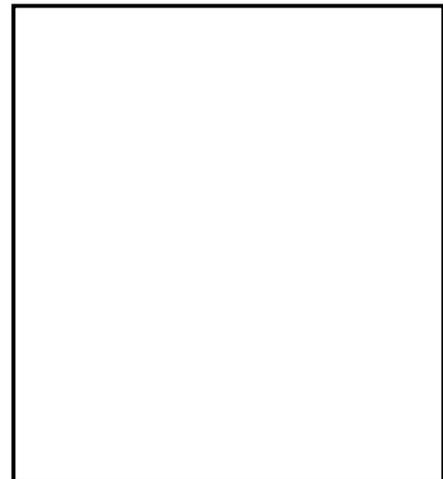
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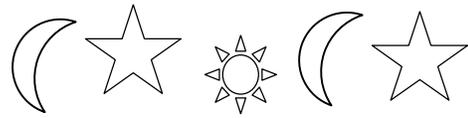
My Storybooks

In The Napping House the characters pile on top of each other.

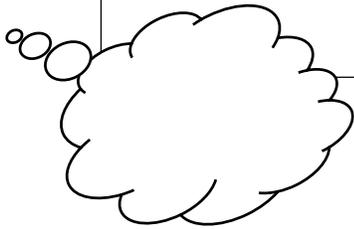
How many pillows can you stack before they fall over?

Draw a picture of your pillows.





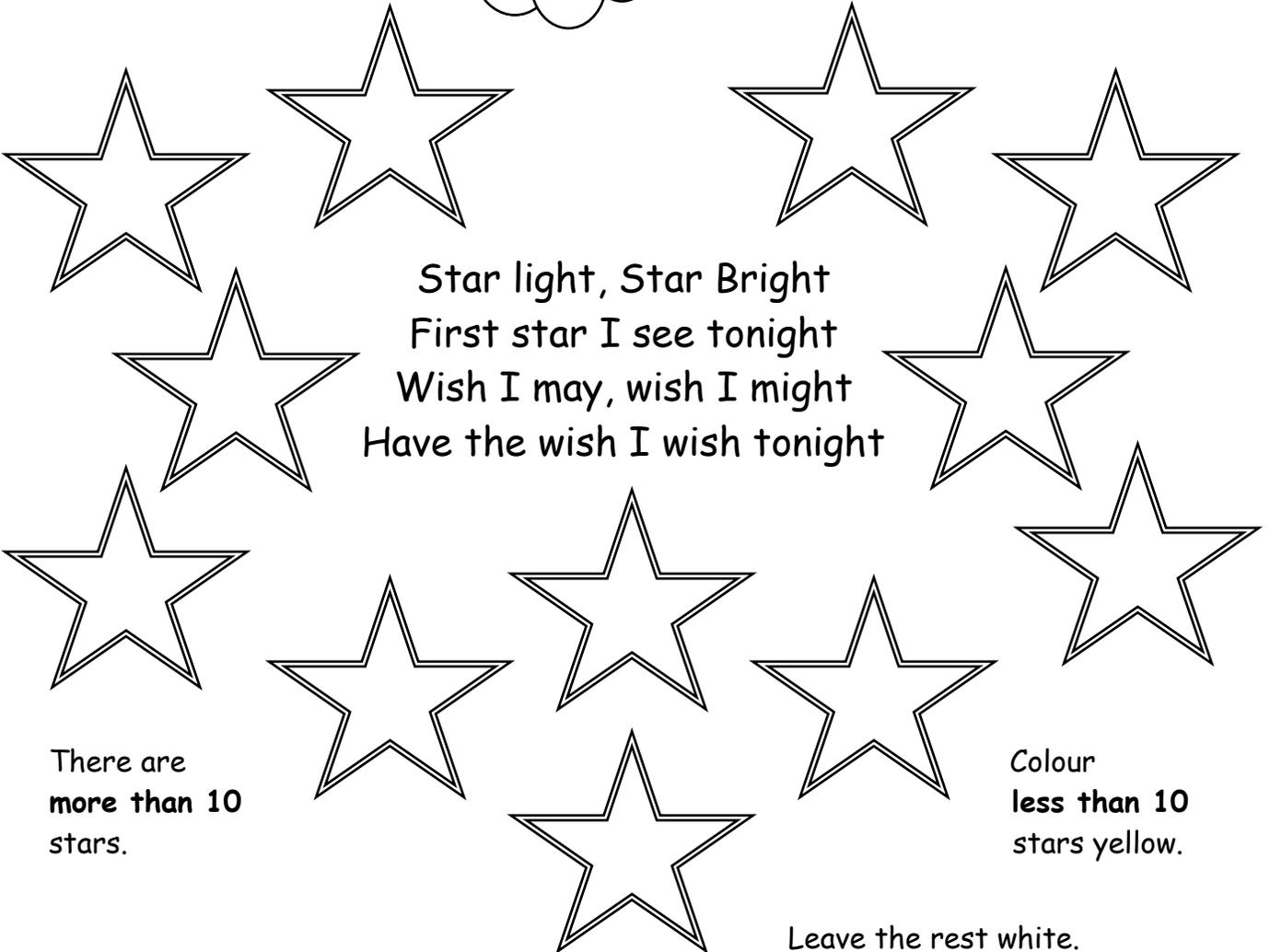
Decorate this pillow with a pattern.



Will I make
a border
around my
pillow?



Or will I
cover the
whole pillow?



Star light, Star Bright
First star I see tonight
Wish I may, wish I might
Have the wish I wish tonight

There are
more than 10
stars.

Colour
less than 10
stars yellow.

Leave the rest white.

HOMEBOOK "HUNGRY ME"

Math in the morning



Estimate how many spoonfuls of cereal it will take to fill your bowl. Ask your family to guess too.

(record names below)

Less than 10	10 spoonfuls	More than 10

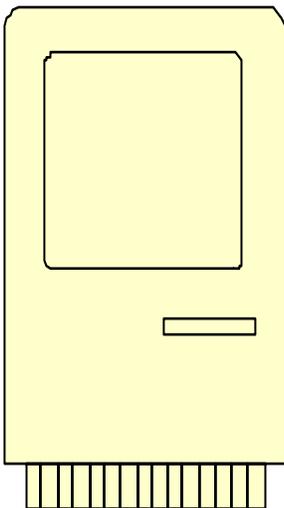
Count the spoonfuls of cereal. Were you **In the Zone**? Circle one:

How many different kinds of cereal do you have at your house? Count and tally.

Less than 10
10
More than 10

Challenge: **What's Bigger?**

Compare two cereal boxes. Which one is bigger? Which one is smaller? Compare more than two. Which is the biggest? Which is the smallest?



Math All Day Long

Your whole family will need to help with this one!

How many times do you open your fridge door each day?

Put a piece of paper on your refrigerator. Ask everyone to add a tally mark every time they open the fridge door.

Make a guess at the beginning of the day. Count the tallies at the end of day. Were you close?

Math in the Afternoon

Help an adult to make jello for lunch or an afternoon snack. Make it *Jiggle!*

JELLO JIGGLERS

2 lg. (6 oz.) pkg. Jello brand gelatin

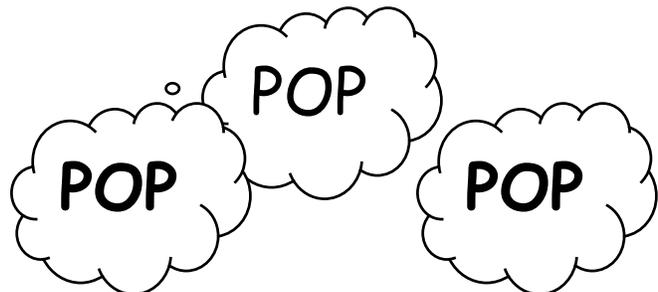
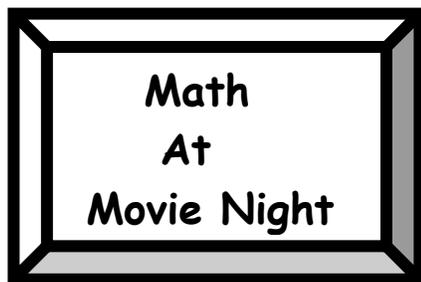
2 1/2 c. boiling water (do NOT add cold water)

Stir boiling water into gelatin. Dissolve completely. Pour mixture slowly into 9x13x2 inch pan. Chill at least 3 hours. Jigglers will be firm after 1 hour, but may be difficult to remove from pan.

CUTTING JIGGLERS: Dip bottom in warm water for 15 seconds. Cut shapes with cookie cutters all the way through gelatin. Lift with index finger or metal spatula. If jigglers stick, dip pan again for a few seconds.

NOTE: For an 8 or 9-inch pan, cut ingredients in half.

Cut jello into geometric shapes.....squares, circles, triangles, rectangles..... What shape did you make the most? What shapes did you make the least or the same?



POPCORN PATTERNING

big	small	big	small	big	?	?
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What's your popcorn pattern?

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Ten Frames

More Family Math Books

Adams	<u>There Was an Old Lady Who Swallowed a Fly</u>
Boynton	<u>Barnyard Dance</u>
Brown	<u>Good Night Moon</u>
Crews	<u>Freight Train</u>
Fox	<u>Time for Bed</u>
Lester	<u>Tacky the Penguin</u>
Numeroff	<u>If You Give a Mouse a Cookie</u>
Raffi	<u>The Wheels on the Bus</u>
Sayre	<u>One is a Snail, Ten is a Crab</u>
Wood	<u>The Napping House</u>
Yolen	<u>How Do Dinosaurs Say Good Night?</u>