

learning with lego - junior version

Pages 2-3: Color Words

Use letter tiles to build the words.

Page 4: Maze

Page 5: Lego Graphing

Grab a scoop of LEGO bricks and graph them by color.

Page 6: Roll a Minifigure Game

Gather all your minifigure pieces and play this fun game!

Pages 7-8: Math Concepts (addition, subtraction, memory)

Place a few bricks on the mat; let your child see/count them. Have your child close his eyes. Add or remove a few more bricks (add for the dump truck, remove for the loader). Can your child figure out how many more (or less) bricks there are?

Page 9: Building Challenges

Cut the strips apart and put them in a cup. Let your student pull one strip from the cup each day and work on her challenge!

Page 10: Hundred Chart

Here are a few suggestions for this chart:

1. Play race to one hundred. Each player gets a Lego to move around the board. Roll the dice and go! Who will win?

2. Number recognition

Call out a number and let your student find it and cover it with a brick. For a more advanced version of this game, call out a number and tell your student to cover the number that comes before (or after) the number you called out.

3. Practice counting by 1s or 10s.

Pages 11-12: Lego Patterns

Put LEGO bricks on the pattern sheets. Discuss and continue the patterns. Use page 12 to make your own patterns.

Page 13: Knock-Out Game

Laminate, if desired. Cut into strips and tape the two strips together (numbers should be in order). You will need a pair of dice for this game. Let your student roll the dice. Add the sum and place a LEGO on the number. Try to knock out all the numbers!

Page 14: LEGO Measurements

Guess how many LEGO bricks tall each item is. Record your guess. Use LEGO bricks to measure the items and record the actual heights.

Page 15: Measuring Up (LEGO Towers!)

Ask your student to make a tall tower. Measure it (in inches) and record the measurement on the chart. Let him draw a picture of the tower (above the measurement). Ask him to try to build a second tower that is even TALLER than the first. Record measurement and draw. Ask him to build a third tower that is the TALLEST he can possibly build! Record measurement and draw.

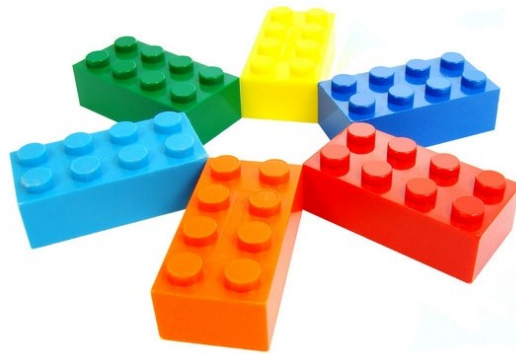
Page 16: Dump Truck Math Mat

Laminate the math mat. Write a number in the square (with a dry erase marker) and have your student place the correct number of LEGO bricks on the math mat. Erase the number, write another number on the mat, and continue.

Page 17: Positional Words & Ordinal Numbers (ideas)

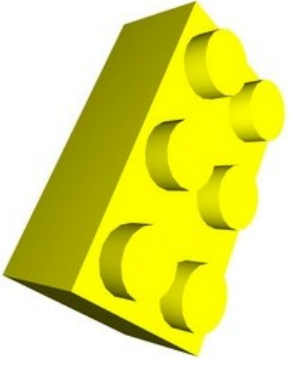
Page 18: LEGO Magazine ABC

Let your student hunt through his old [LEGO magazines](#)* and cut out letters of the alphabet. Glue the letters to the appropriate places on the ABC page. *it's a FREE subscription!



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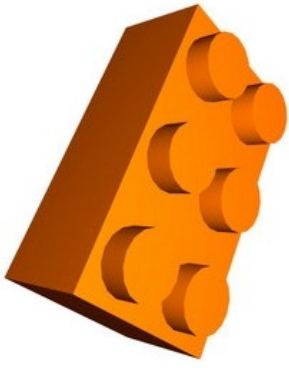
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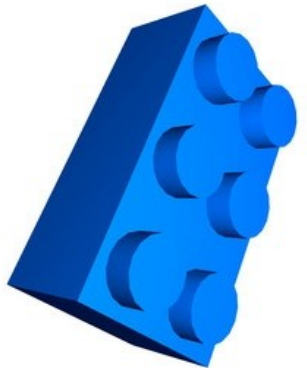
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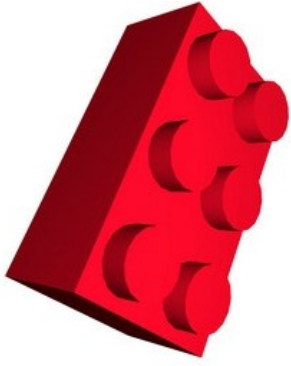
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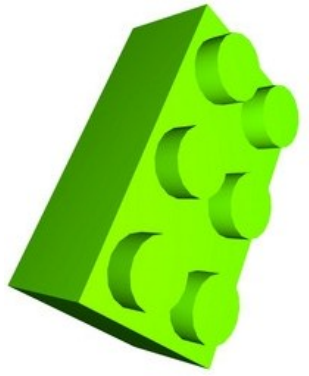
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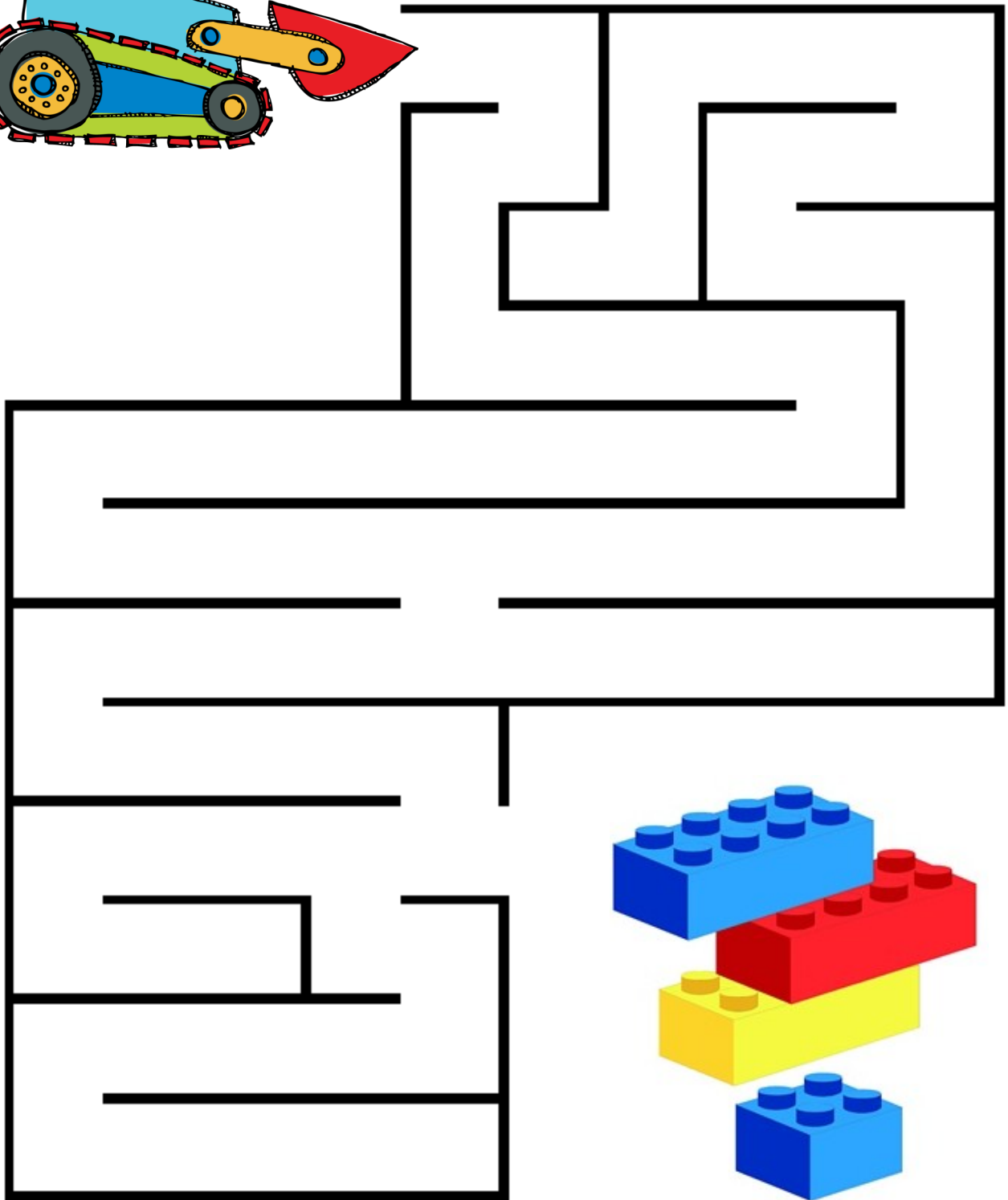
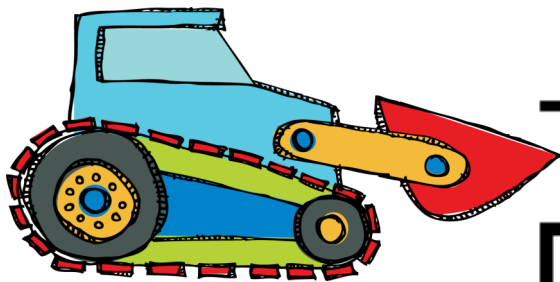
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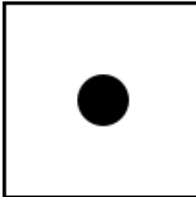


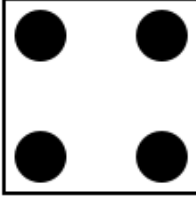
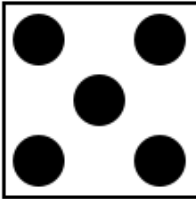
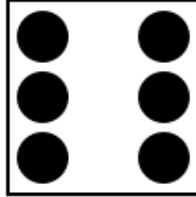
help the loader find his way

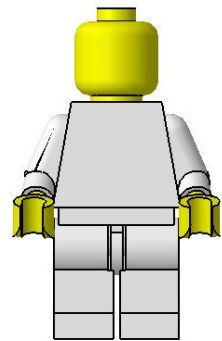


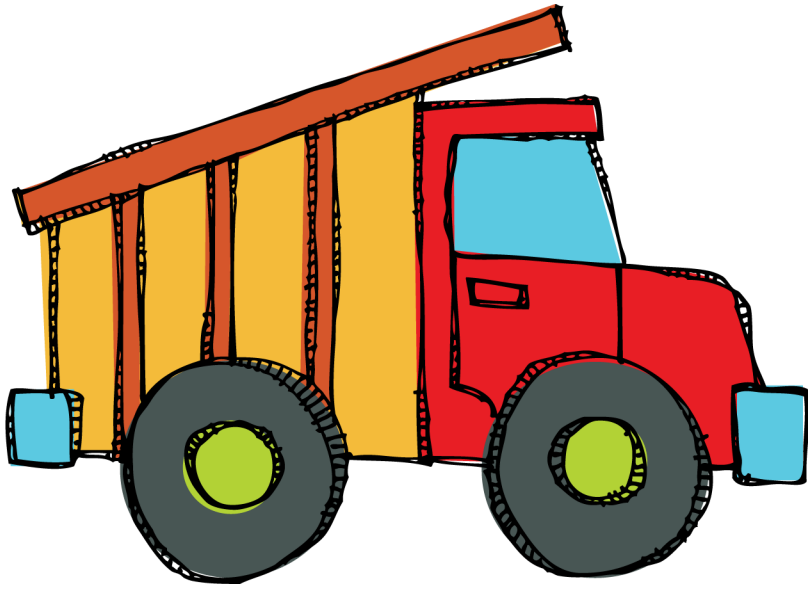
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8	8	8	8	8	8
7	7	7	7	7	7
6	6	6	6	6	6
5	5	5	5	5	5
4	4	4	4	4	4
3	3	3	3	3	3
2	2	2	2	2	2
1	1	1	1	1	1
green	blue	orange	black	red	gray

roll a lego minifigure!

Gather all your LEGO minifigure pieces. Take turns rolling a die. Follow the instructions on the chart. You can't assemble your figure until you have ALL your pieces! The first person to assemble a complete minifigure wins!

	choose a shirt with arms
	choose legs
	choose a head
	choose a hat, hair, or helmet for your figure
	choose an accessory for your figure
	take one of your opponent's pieces away





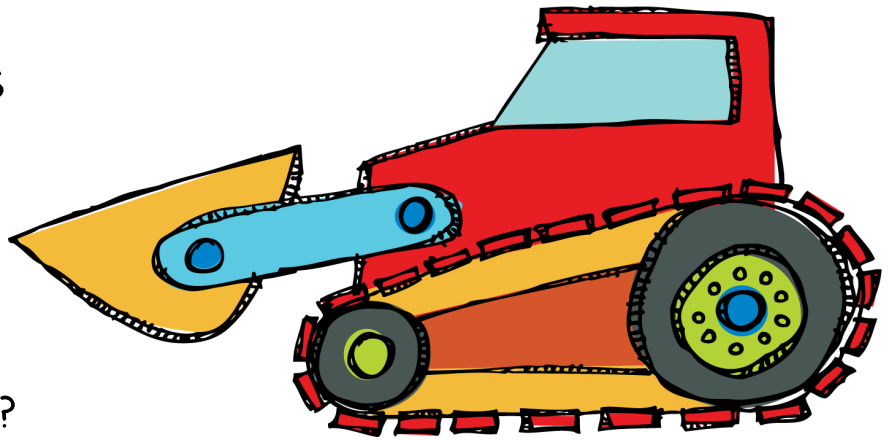
Dudley the Dump Truck

brought you some
bricks while your eyes
were closed. How
many did he bring?

A large, empty rounded rectangular box with a thick black border, intended for a student to draw or write an answer.

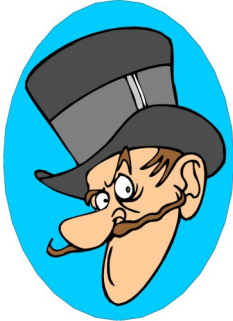
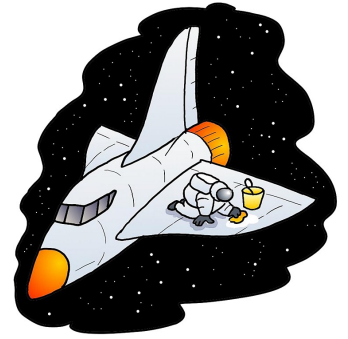
Freddy the Front Loader

took some bricks
while your eyes
were closed. How
many did he take?



A large, empty rounded rectangular box with a black border, intended for writing the answer to the question.

design a space ship



create an evil villain

construct a cool car



build a house you'd like to live in

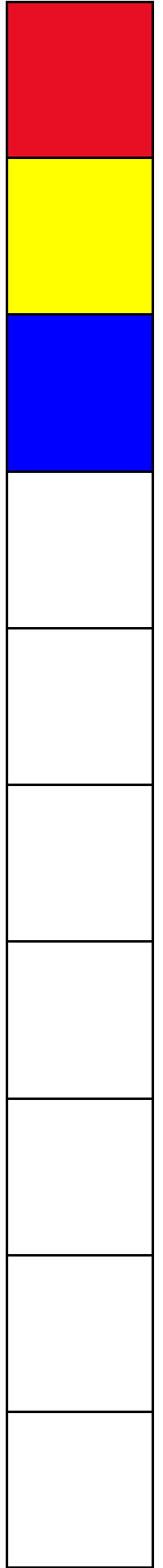
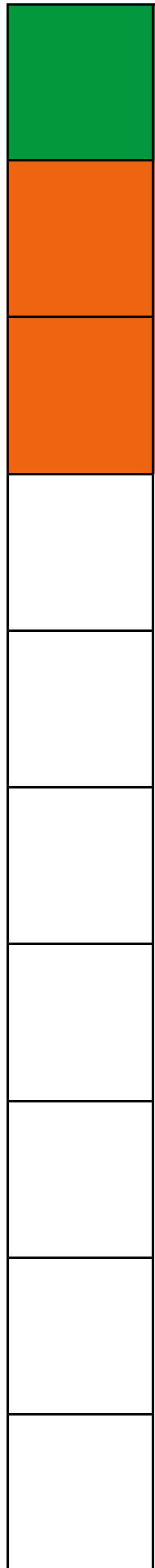
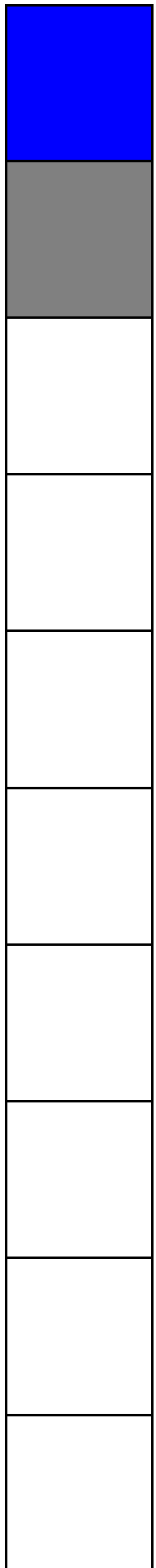
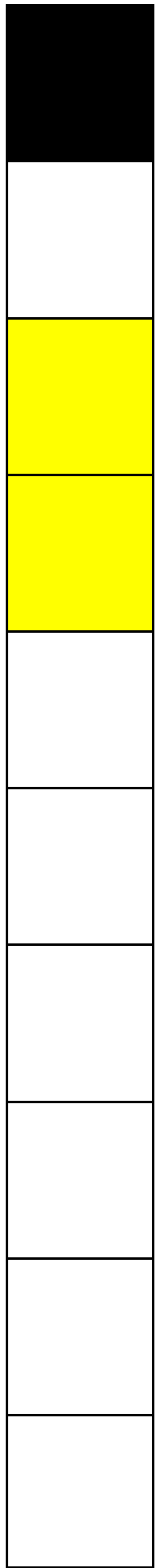
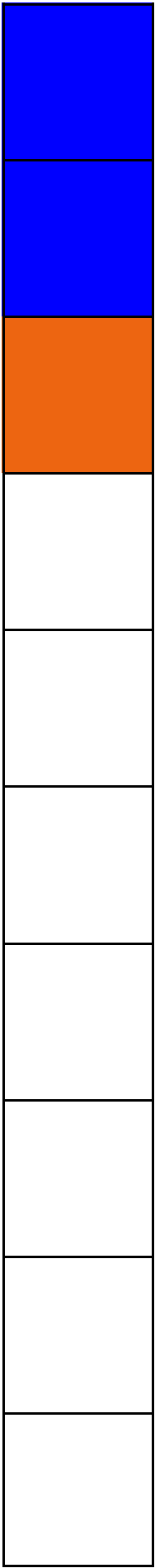


make your favorite animal

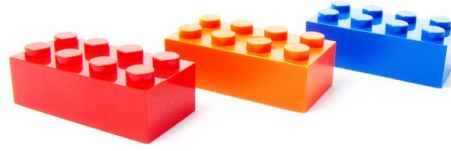
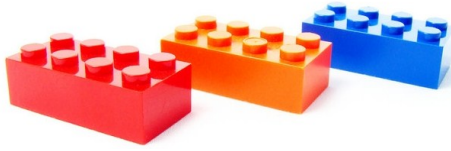


lego hundred chart

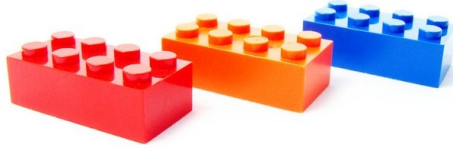




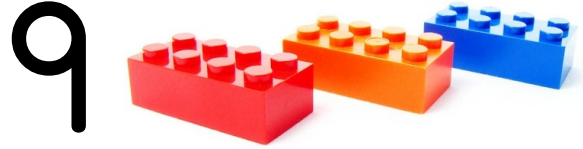
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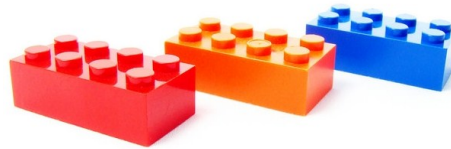
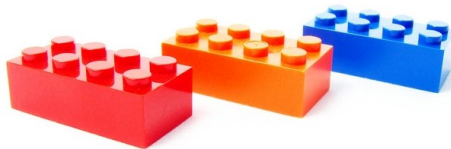


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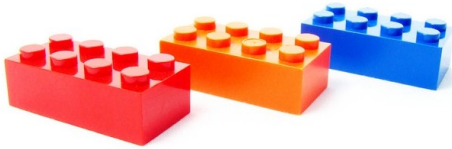


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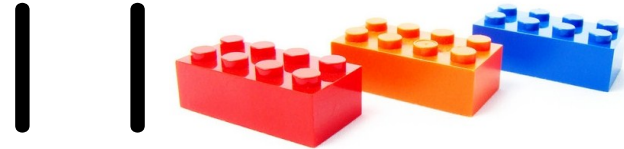
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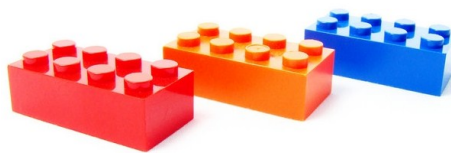
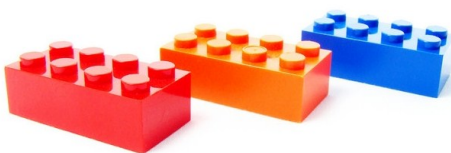


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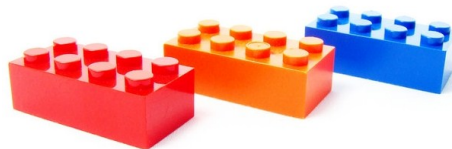


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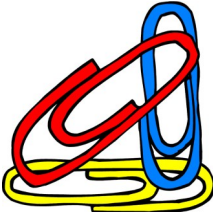

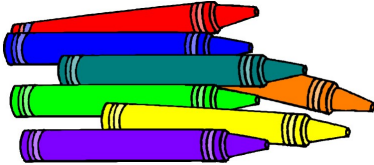



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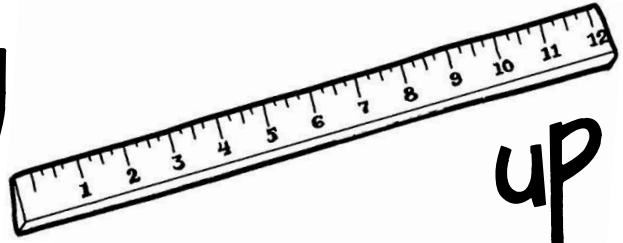


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lego measurements

item	my guess	actual
		
		
		
		
		
		

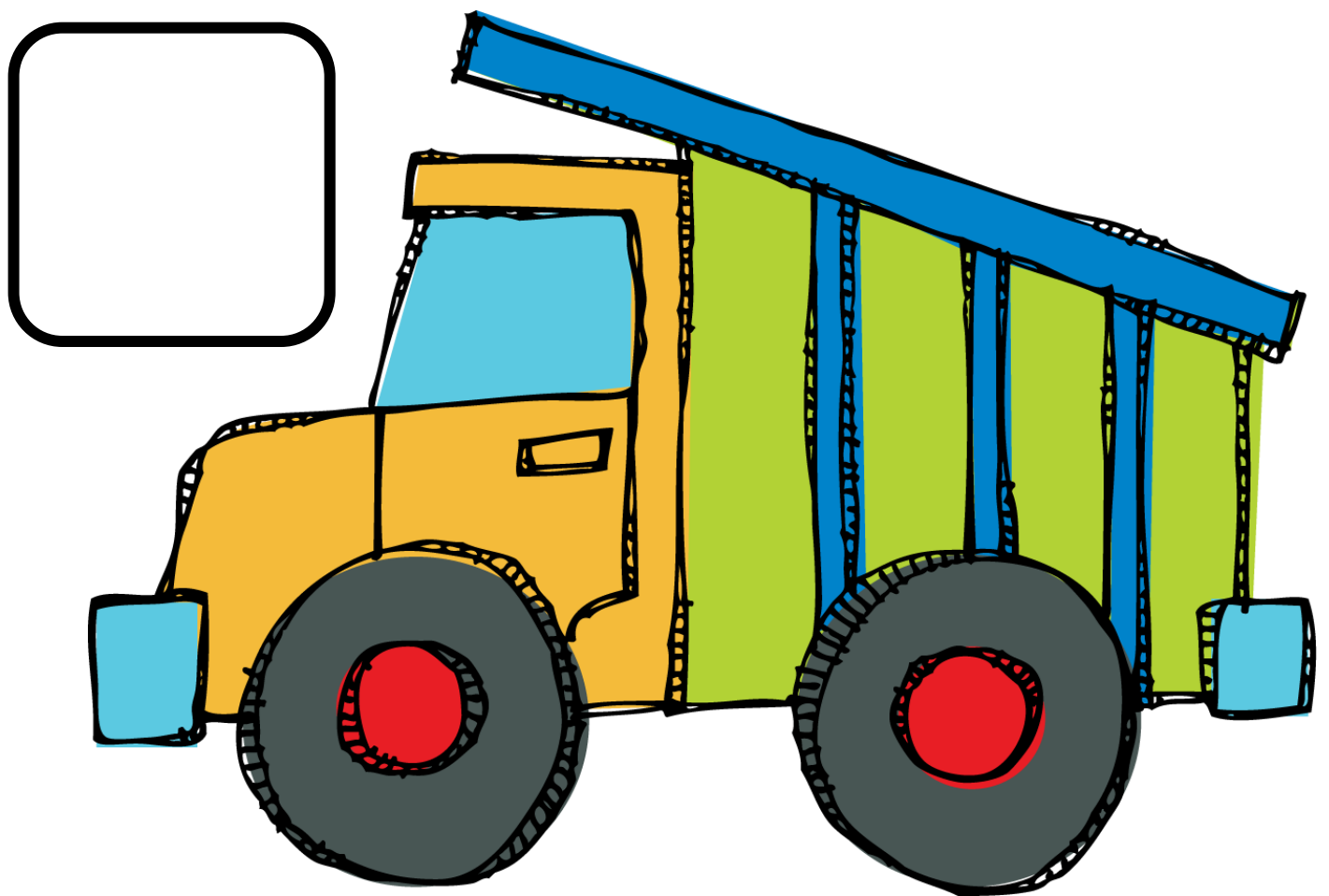
measuring



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My first tower was _____ inches tall.	My second tower was _____ inches tall.	My third tower was _____ inches tall.

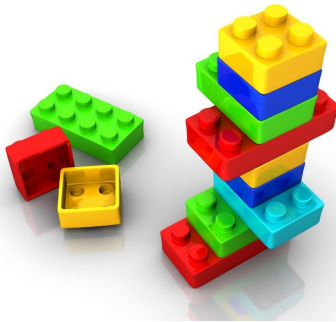
load the dump truck with legos!



Position Words

Call out the following instructions for your child.

1. Put a small green brick **on** a large red brick.
2. Put two blue bricks **under** a black brick.
3. Put three yellow bricks together. Place an orange brick **behind** the yellow bricks.
4. Put a red brick and a blue brick on the table. Put a black brick **between** the bricks.
5. Put a pile of bricks on the table. Drive a vehicle **around** the bricks.



Ordinal Numbers

1. Put ten blocks on the table in a row (as many different colors as possible).
2. Ask your student which one is first, second, third, etc.
3. If your child is ready for more, make three lines of ten bricks. Ask him to find the 21st brick, the 34th brick, etc.

a	b	c	d	e
f	g	h	i	j
k	l	m	n	o
p	q	r	s	t
u	v	w	x	y
z	lego magazine abc!			