

Math Common Core Skills for 2nd Grade

Operations & Algebraic	Number & Operations in Base Ten
<ul style="list-style-type: none"> <input type="checkbox"/> Add and Sub within 100 to solve one and two step problems 2.OA.1 <input type="checkbox"/> Fluently Add and Sub within 20 2.OA.2 <input type="checkbox"/> Even and Odd up to 20 2.OA.3 <input type="checkbox"/> Addition in Arrays 2.OA.4 	<ul style="list-style-type: none"> <input type="checkbox"/> <u>Understands</u> 3 digit place value 2.NBT.1 <input type="checkbox"/> Count within 1000, skip counting by 5s, 10s, and 100s 2.NBT.2 <input type="checkbox"/> Read and write to 1000 with numbers, names, and expanded form 2.NBT.3 <input type="checkbox"/> Compare 3 digit numbers 2.NBT.4 <input type="checkbox"/> Fluently Add and Sub within 100 2.NBT.5 <input type="checkbox"/> Add up to 4 two digit numbers 2.NBT.6 <input type="checkbox"/> Add and Sub within 1000 2.NBT.7 <input type="checkbox"/> Mentally Add 10 or 100 to a given number 2.NBT.8 <input type="checkbox"/> Explain why Add and Sub work 2.NBT.9
Geometry	Measurement & Data
<ul style="list-style-type: none"> <input type="checkbox"/> Recognize and draw shapes with angles and equal faces <input type="checkbox"/> Identify triangles, quadrilaterals, pentagons, hexagons and cubes 2.G.1 <input type="checkbox"/> Rectangle into equal rows and columns 2.G.2 <input type="checkbox"/> Partition circles and rectangles into two, three, or four equal shares 2.G.3 <input type="checkbox"/> Describe shares using words halves, thirds, half of, a third of, two halves, three thirds, four fourths. 	<ul style="list-style-type: none"> <input type="checkbox"/> Measure length with ruler, yardstick, meter stick, measuring tape 2.MD.1 <input type="checkbox"/> Measure object twice w/different lengths 2.MD.2 <input type="checkbox"/> Estimate lengths using in., ft., cm., and m. 2.MD.3 <input type="checkbox"/> Determine longer length 2.MD.4 <input type="checkbox"/> Solve word problems within 100 that involve length 2.MD.5 <input type="checkbox"/> Whole numbers as lengths on a number line 2.MD.6 <input type="checkbox"/> Tell and write time from analog and digital clock to 5 min., a.m and p.m 2.MD.7 <input type="checkbox"/> Word Problem involving money and symbols 2.MD.8 <input type="checkbox"/> Measurement Line Plot 2.MD.9 <input type="checkbox"/> Picture and Bar Graph 2.MD.10

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Word Problem Types

<p>Add to Result Unknown Two puppies played in the grass. Three more puppies came there. How many puppies are playing in the grass now? $2+3=?$</p>	<p>Add to Change Unknown Two puppies were playing in the grass. Some more puppies ran there. Then there were five puppies. How many puppies ran over to the first two? $2+?=5$</p>	<p>Add to Start Unknown Some puppies were playing in the grass. Three more puppies ran over there. Then there were five puppies. How many puppies were playing on the grass? $?+3=5$</p>
<p>Take from Result Unknown Five oranges were on the table. I ate two oranges. How many oranges are on the table now? $5-2=?$</p>	<p>Take from Change Unknown Five oranges were on the table. Three were big and the rest were small. How many oranges are small? $5-?=3$</p>	<p>Take from Start Unknown Some oranges were on the table. I ate two oranges. Then there were three oranges. How many oranges were on the table before? $?-2=3$</p>
<p>Put together/Take apart Total Unknown Sam has 3 red colors and 2 green colors. How many colors does he have? $3 \text{ red} + 2 \text{ green} = ? \text{ colors}$ $3+2=?$</p>	<p>Put together/Take apart Addend Unknown Sam has 5 colors. 3 are red and the rest are green. How many red colors does he have? $3+?=5$ or $5-3=?$</p>	<p>Put together/Take apart Both Addends Unknown Sam has 5 colors. How many could be red or green? $5=?+?$ $5=0+5, 5=5+0$ $5=1+4, 5=4+1$ $5=2+3, 5=3+2$</p>
<p>Compare Difference Unknown How many more? Juan has 2 colors. Sam has 5 colors. How many more colors does Sam have than Juan? $2+?=5, 5-2=?$ Fewer Juan has 2 colors. Sam has 5 colors. How many fewer colors does Juan have than Sam?</p>	<p>Compare Bigger Unknown More Sam has three more colors than Juan. Juan has 2 colors. How many colors does Sam have? $3+2=?, 2+3=?$ Fewer Juan has 3 fewer colors than Sam. Juan has two colors. How many colors does Juan have?</p>	<p>Compare Smaller Unknown More Sam has three more colors than Juan. Sam has five colors. How many colors does Juan have? $5-3=?, ?+3=5$ Fewer Juan has 3 fewer colors than Sam. Sam has five colors. How many colors does Juan have?</p>