

30 Days of Number Strategies for Year 3/4

<p>Day 1 What happens when you add an odd number to an even number? Do this 10 times using different numbers, then explain what the rule might be.</p>	<p>Day 2 Choose a number between 10 000 and 20 000. Use words and pictures to create a poster showing as much information about the number as possible.</p>	<p>Day 3 Research the population of 10 towns in your country. Write each population figure in numbers and in words.</p>	<p>Day 4 Research the distance between your country's capital city and 4 other capital cities around the world. Order the distances from the longest to the shortest.</p>	<p>Day 5 Create number sequences that increase by 2, 4 and 6. Make sure there are at least 10 numbers in each sequence. Start each sequence with the number 8.</p>	<p>Day 6 Create number sequences that decrease by 3, 6 and 9. Make sure there are at least 10 numbers in each sequence. Start each sequence with the number 98.</p>
<p>Day 7 Draw visual representations for 3×4, 4×8 and 6×7. Write a sentence to explain each drawing.</p>	<p>Day 8 Draw visual representations for $18 \div 3$, $36 \div 6$ and $48 \div 8$. Write a sentence to explain each drawing.</p>	<p>Day 9 Write 6 real-life word problems that need to be solved using addition or subtraction. Answer each problem and show your working.</p>	<p>Day 10 Write 6 real-life word problems that need to be solved using multiplication. Answer each problem and show your working.</p>	<p>Day 11 Write 6 real-life word problems that need to be solved using division (no remainder). Answer each problem and show your working.</p>	<p>Day 12 How many ways can you represent the fraction $1/4$? Use words and pictures to create a poster showing as much information about this fraction as possible.</p>
<p>Day 13 Create a mind map showing all the different ways that decimals are used in our everyday lives. Draw some examples.</p>	<p>Day 14 Using an online take-away menu, order lunch for your family. List each item and how much it costs, then calculate the total price. Use a calculator to check your calculations.</p>	<p>Day 15 Research Indonesian currency. Draw and label some examples of their coins and notes.</p>	<p>Day 16 Choose a number between 1000 and 10 000. Use words and pictures to create a poster showing as much information about the number as possible.</p>	<p>Day 17 Research the distance between your home town and 4 other towns in your country. Write each distance in numbers and in words.</p>	<p>Day 18 Research the length of the 4 longest rivers in the world. Order the rivers from the longest to the shortest.</p>
<p>Day 19 Write as many addition and subtraction number sentences as you can using the numbers 4, 6 and 8.</p>	<p>Day 20 Choose 5 numbers. Write as many addition and subtraction number sentences as you can using these numbers.</p>	<p>Day 21 Draw visual representations for 9×2, 7×5 and 4×10. Write a sentence to explain each drawing.</p>	<p>Day 22 Draw visual representations for $10 \div 2$, $40 \div 5$ and $90 \div 10$. Write a sentence to explain each drawing.</p>	<p>Day 23 List 4 situations in everyday life where the fraction $1/2$ might be used. Draw a picture to represent each situation.</p>	<p>Day 24 Find a recipe that contains fractions. Draw and label a representation of any fractions in the recipe e.g. a third of a cup of sugar.</p>
<p>Day 25 Draw \$8.40 at least 4 different ways, using both notes and coins.</p>	<p>Day 26 List 4 situations in everyday life where the fraction $1/3$ might be used. Draw a picture to represent each situation.</p>	<p>Day 27 Research American currency. Draw and label some examples of their coins and notes.</p>	<p>Day 28 Create 4 number patterns that increase. Describe the rule for each pattern.</p>	<p>Day 29 Create 4 number patterns that decrease. Describe the rule for each pattern.</p>	<p>Day 30 Draw \$10.60 at least 4 different ways, using both notes and coins.</p>

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