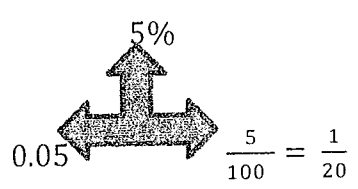
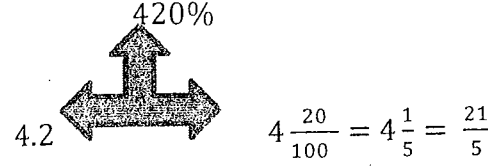
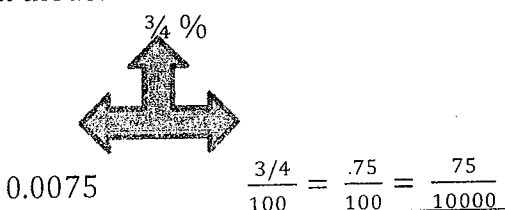
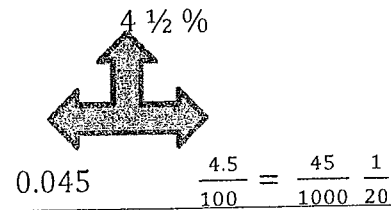


<p>What is percent?</p>	<p>Percent is a special type of fraction with a denominator of 100</p>
<p>How are percents, decimals and fractions connected?</p> <p><i>Percents, decimals and fractions are all related ways of expressing portions of a whole number</i></p>	<p>If you know percent then you know the fraction and decimal and vice versa.</p> <div style="text-align: center;">  </div> <p>To change any fraction to a percent:</p> <ol style="list-style-type: none"> 1. ÷ the numerator by the denominator and then × by 100 OR 2. If the fraction has a denominator that is a factor of 100 you can make an equivalent fraction with 100 as the denominator.
<p>Can % be greater than 100%?</p> <p><i>Yes. Percents greater than 100% are written as a decimal greater than 1 or as a mixed number or an improper fraction</i></p>	<div style="text-align: center;">  </div> <p>420% is 4 wholes and 2 tenths</p>
<p>Can % be less than 1%?</p> <p><i>Yes. Percents less than one percent are fractions of a percent. They are written as a fraction less than a hundredth</i></p>	<p>$\frac{3}{4}$ % is 75 ten thousandths</p> <div style="text-align: center;">  </div>
<p>Can percent be a whole number and a fraction of a number?</p> <p><i>Yes, 4 1/2 % means 4 % and a little bit more</i></p>	<div style="text-align: center;">  </div>
<p>How do you find a percent of a number?</p> <p><i>You can figure out a lot of percents using mental math strategies like doubling, halving or dividing by 10 or 100</i></p>	<p>1% This is the same as finding 1/100 of a number so you divide by 100</p> <p>10% This is like finding 1/10 of a number so you divide the number by 10</p> <p>5% This is half of ten% which is the same as ÷ 10% by 2</p> <p>15% Find 10 % and then 5 % and then add them together to find 15 %</p> <p>20% This is double 10 % which is the same as x 10% by 2</p> <p>25% This is 10% + 10% + 5 % or 1/4 of an amount so you could just divide by 4</p> <p>50% This is 1/2 so take the original number half that number or divide by 2</p>

<p>How do you use a calculator to find percent?</p> <p><i>Write the percent as a decimal and then multiply by the number.</i></p>	<p>Write the percent as a decimal and then multiply by the number.</p> <p>5% of 15 = $.05 \times 15 = .75$</p> <p>12 ½ % of 50 = $.125 \times 50 = 6.25$</p> <p>60% of 300 = $.6 \times 300 = 180$</p>
<p>Can you combine percent?</p> <p><i>Yes. You can combine percents by adding individual percents together</i></p>	<p>The GST is 5% and the PST is 7.5 for a total of 12%</p>
<p>How do you find a percent of a percent?</p> <p><i>Find the first percent and subtract it from the original price and then find the next percent from the new original price.</i></p>	<p>A shirt is on sale for 20% off and then an additional 10% off that price. (This is not the same as 30 % off the total)</p> <p>Shirt is \$24 Less 20% means minus \$4.80. The price is now \$19.20. Then take an additional 10% of that price. $\\$19.20 - \\$1.92 = \\$17.28$</p> <p>The price of the shirt is now \$17.28</p>
<p>What is a quick way of finding out the total price of something plus the sales tax?</p> <p><i>The total price of an item is 100% (the original price) + 12% of the original price</i></p>	<p>To calculate the combined percent to the original number:</p> <p>a) add the percent of the number to the original number ex. 12% of 50 = 6 therefore $50 + 6 = 56$</p> <p>b) OR multiply the original number by 1 and the single percent ex. 12% of 50 = $1.12 \times 50 = 56$ because you are saying the new item is 100% + 12% for a total cost</p>

5%	10%	25%	33.3%	40%	50%	60%	66.6%	75%	80%	100%