





Extension

<p>4a. Complete the missing functions by deciding whether these numbers have been divided by 10, 100 or 1,000.</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">124,570</div> <div style="font-size: 2em;">→</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;">$\div 10$</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">12,457</div> <div style="font-size: 2em;">→</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">124.57</div> <div style="font-size: 2em;">→</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">12.457</div> <div style="font-size: 2em;">→</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> </div> <p style="text-align: right; font-size: 0.8em;">PS</p>	<p>4b. Complete the missing functions by deciding whether these numbers have been divided by 10, 100 or 1,000.</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">451,300</div> <div style="font-size: 2em;">→</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">451.3</div> <div style="font-size: 2em;">→</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;">$\div 10$</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">45.13</div> <div style="font-size: 2em;">→</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">4.513</div> <div style="font-size: 2em;">→</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> </div> <p style="text-align: right; font-size: 0.8em;">PS</p>
<p>5a. Logan says,</p> <div style="display: flex; align-items: center; margin-bottom: 20px;">  <div style="border: 1px solid purple; border-radius: 15px; padding: 10px; margin-left: 10px; width: 200px;"> <p>369 divided by 1,000 equals 0.369.</p> </div> </div> <p style="text-align: right; margin-right: 50px;">Milly says,</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid purple; border-radius: 15px; padding: 10px; margin-right: 10px; width: 200px;"> <p>369 divided by 10 three times equals 0.369.</p> </div>  </div> <p>Who is correct? Explain why.</p> <p style="text-align: right; font-size: 0.8em;">R</p>	<p>5b. Charlie says,</p> <div style="display: flex; align-items: center; margin-bottom: 20px;">  <div style="border: 1px solid purple; border-radius: 15px; padding: 10px; margin-left: 10px; width: 200px;"> <p>2.5 divided by 100 equals 0.025.</p> </div> </div> <p style="text-align: right; margin-right: 50px;">Jorelle says,</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid purple; border-radius: 15px; padding: 10px; margin-right: 10px; width: 200px;"> <p>25 divided by 10 two times equals 0.025.</p> </div>  </div> <p>Who is correct? Explain why.</p> <p style="text-align: right; font-size: 0.8em;">R</p>
<p>6a. Bobby wants to buy a long lasting battery for his remote control car.</p> <p>Duraflex batteries come in a pack of 1,000 that last for 1,265 hours in total.</p> <p>Everlasting batteries come in a pack of 100 that last for 216 hours total.</p> <p>Which company sells the longest lasting battery?</p> <p style="text-align: right; font-size: 0.8em;">PS</p>	<p>6b. Martin's school needs more glue sticks.</p> <p>The Glue Shop is selling boxes of 100 glue sticks for £135.</p> <p>Sticky Fingers is selling boxes of 1,000 glue sticks for £1,050.</p> <p>Which shop is offering the best deal for the school?</p> <p style="text-align: right; font-size: 0.8em;">PS</p>

<p>7a. Complete the missing functions by deciding whether these numbers have been divided by 10, 100 or 1,000.</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">1,334,500</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">→</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;">$\div 10$</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">133,450</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">←</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">1,334.5</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">←</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">133.45</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">←</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">1.3345</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">←</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> </div> <p style="text-align: right; margin-top: 10px;">PS</p>	<p>7b. Complete the missing functions by deciding whether these numbers have been divided by 10, 100 or 1,000.</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">1,560,000</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">→</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">1,560</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">←</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">156</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">←</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;">$\div 100$</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">1.56</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">←</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;">0.0156</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px;">←</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; margin-left: 10px;"></div> </div> </div> <p style="text-align: right; margin-top: 10px;">PS</p>
<p>8a. Alex says,</p> <div style="display: flex; align-items: center; margin-bottom: 20px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: 200px;"> <p>1,400,552 divided by 10 and then by 100 equals 1,400.552.</p> </div> </div> <p style="text-align: right; margin-right: 100px;">Layla says,</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: 200px;"> <p>1,400,552 divided by 1,000 equals 1,400.552.</p> </div> </div> <p>Who is correct? Explain why.</p> <p style="text-align: right;">R</p>	<p>8b. Carter says,</p> <div style="display: flex; align-items: center; margin-bottom: 20px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: 200px;"> <p>6.9 divided by 1,000 equals 0.069.</p> </div> </div> <p style="text-align: right; margin-right: 100px;">Chloe says,</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 15px; padding: 5px; width: 200px;"> <p>6.9 divided by 100 and then by 10 equals 0.0069.</p> </div> </div> <p>Who is correct? Explain why.</p> <p style="text-align: right;">R</p>
<p>9a. Flaky Corn make 2,565,450g of cornflakes.</p> <p>Cornie's Cornflake Company buy one 10th of the cornflakes and package them into 1,000 boxes.</p> <p>Flaky's Flakes Factory buy one 100th of the cornflakes and package them into 100 boxes.</p> <p>Which company sells the biggest box of cornflakes?</p> <p style="text-align: right;">PS</p>	<p>9b. Juicy Co. makes 1,678 litres of juice.</p> <p>The Big Bottle company buy one 100th of the juice and package it into 10 bottles.</p> <p>Drink 'n' Go buy one 10th of the juice and package it into 10 bottles.</p> <p>Which company sells the biggest bottle of juice?</p> <p style="text-align: right;">PS</p>