

# Numeracy 123 Problems-6



Name \_\_\_\_\_  
Date started \_\_\_\_\_



<b>1</b> Add and sub using place value	<b>2</b> Add and sub using place value	<b>3</b> Add and sub using place value	<b>4</b> Add and sub using place value	<b>5</b> Add and sub using place value	<b>6</b> Add and sub using place value
<b>7</b> Addition using doubles	<b>8</b> Addition using doubles	<b>9</b> Addition using doubles	<b>10</b> Addition using doubles	<b>11</b> Addition using doubles	<b>12</b> Addition using doubles
<b>13</b> Don't subtract, add	<b>14</b> Don't subtract, add	<b>15</b> Don't subtract, add	<b>16</b> Don't subtract, add	<b>17</b> Don't subtract, add	<b>18</b> Don't subtract, add
<b>19</b> Addition using tidy numbers	<b>20</b> Addition using tidy numbers	<b>21</b> Addition using tidy numbers	<b>22</b> Addition using tidy numbers	<b>23</b> Addition using tidy numbers	<b>24</b> Addition using tidy numbers
<b>25</b> Addition using rounding and compensating	<b>26</b> Addition using rounding and compensating	<b>27</b> Addition using rounding and compensating	<b>28</b> Addition using rounding and compensating	<b>29</b> Addition using rounding and compensating	<b>30</b> Addition using rounding and compensating
<b>31</b> Subtraction using equal additions	<b>32</b> Subtraction using equal additions	<b>33</b> Subtraction using equal additions	<b>34</b> Subtraction using equal additions	<b>35</b> Subtraction using equal additions	<b>36</b> Subtraction using equal additions
<b>37</b> Subtraction using rounding and compensating	<b>38</b> Subtraction using rounding and compensating	<b>39</b> Subtraction using rounding and compensating	<b>40</b> Subtraction using rounding and compensating	<b>41</b> Subtraction using rounding and compensating	<b>42</b> Subtraction using rounding and compensating
<b>43</b> Multiplication using rounding and compensating	<b>44</b> Multiplication using rounding and compensating	<b>45</b> Multiplication using rounding and compensating	<b>46</b> Multiplication using rounding and compensating	<b>47</b> Multiplication using rounding and compensating	<b>48</b> Multiplication using rounding and compensating
<b>49</b> Multiplication using rounding and compensating	<b>50</b> Division	<b>51</b> Division	<b>52</b> Division	<b>53</b> Division	<b>54</b> Division
<b>55</b> Division	<b>56</b> Division	<b>57</b> Fractions	<b>58</b> Fractions	<b>59</b> Fractions	<b>60</b> Fractions



I am learning to: add using tidy numbers or doubles \* add or subtract using place value or rounding and compensating \* subtract using equal additions or 'Don't subtract - add' \* multiply using rounding and compensating, doubling and halving or my knowledge of zero numbers \* divide using reversing \* solve fraction problems.

# Numeracy 123

## Problems 6-Multiplication using rounding and compensating

Show how you worked out each answer in the space underneath.

1	The school had 69 boxes of chocolates to sell. Each box had 5 bars in it. How many bars of chocolate did the school have to sell?
2	99 children each brought 4 cupcakes for the scouts cake stall. How many cupcakes did the cake stall have?
3	The school library had 69 books on each shelf and there were 3 shelves. How many books were there in the library?
4	The gardener planted cabbages in rows of 78. There were 4 rows. How many cabbages were there in the garden?
5	68 children at school each paid \$8 for a stationery pack. What was the total amount of money they paid?
6	The surf rescue club sold 799 raffle tickets at \$3 each. How much money did they collect altogether?
7	899 joggers each paid \$2 to enter a fun run. How much did the fun run raise?
8	The school had 79 boxes of chocolates to sell. Each box had 8 bars in it. How many bars of chocolate did the school have to sell?
9	298 children each brought 4 cupcakes for the scouts cake stall. How many cupcakes did the cake stall have?
10	The school library had 78 books on each shelf and there were 9 shelves. How many books were there in the library?



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# Numeracy 123

## Problems 6-34

Show how you worked out each answer in the space underneath.

1 56		76 oranges were packed into bags of 9. How many bags were there and how many oranges were left over?
2 34		A fishing boat caught 781 fish in its net but had to throw 396 back that were too small. How many fish were they allowed to keep?
3 53		The zoo keeper had 70 bananas and had to share them equally between 7 monkeys. How many bananas did each monkey get?
4 60		Amanda needed 12 pieces of cake for a picnic. Each cake was cut into $\frac{1}{5}$ 's. How many whole cakes and $\frac{1}{5}$ 's of cakes would Amanda need?
5 40		David had saved \$143 in his piggy bank and took out \$29 to buy a new skateboard. How much did he have left in his piggy bank?
6 30		Wayne had 124 stickers in his sticker book. How many more does he need to collect if the book holds 172 when full?
7 48		The surf rescue club sold 599 raffle tickets at \$4 each. How much money did they collect altogether?
8 59		The school canteen sold $\frac{27}{8}$ of pizza at lunchtime. How many whole pizzas and $\frac{1}{8}$ 's would this be?
9 35		902 people applied for jobs at the council but only 298 people were given one. How many people didn't get a job?
10 44		99 children each brought 4 cupcakes for the scouts cake stall. How many cupcakes did the cake stall have?



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# Numeracy 123

## Problems 6-5

Show how you worked out each answer in the space underneath.

1 45 	The school library had 29 books on each shelf and there were 5 shelves. How many books were there in the library?
2 1 	Simon had \$415 in his bank account. His brother Peter had \$361. How much money did the boys have altogether?
3 17 	346 cups of coffee were served in the café in one day. How many of these cups were white if 78 were black?
4 51 	At the bakery there were 27 biscuits to be put into packs of 3. How many packs did this make?
5 7 	There were 39 penguins on one iceberg and 39 on another. How many penguins were there altogether?
6 23 	A box arrived at the tennis club containing 149 new balls. In total now we have 223 balls. How many did we have before the box came?
7 41 	The book shop had 253 magazines on its shelf, of which 28 were sold. How many magazines were there left on the shelf?
8 6 	The aviary at the zoo held 836 birds. The zoo keeper left the door open. How many birds flew away for there to be 623 left?
9 25 	I got \$45 for my birthday and \$29 for Christmas. What was the total amount of money I had been given?
10 13 	There were 92 cars in the stock car race. How many cars didn't finish the race if 67 cars did?