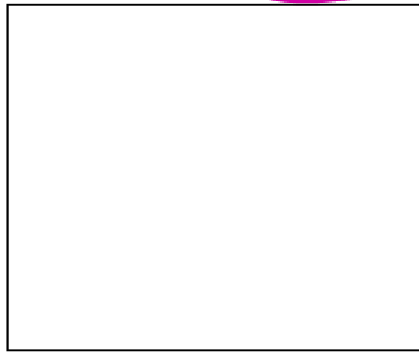
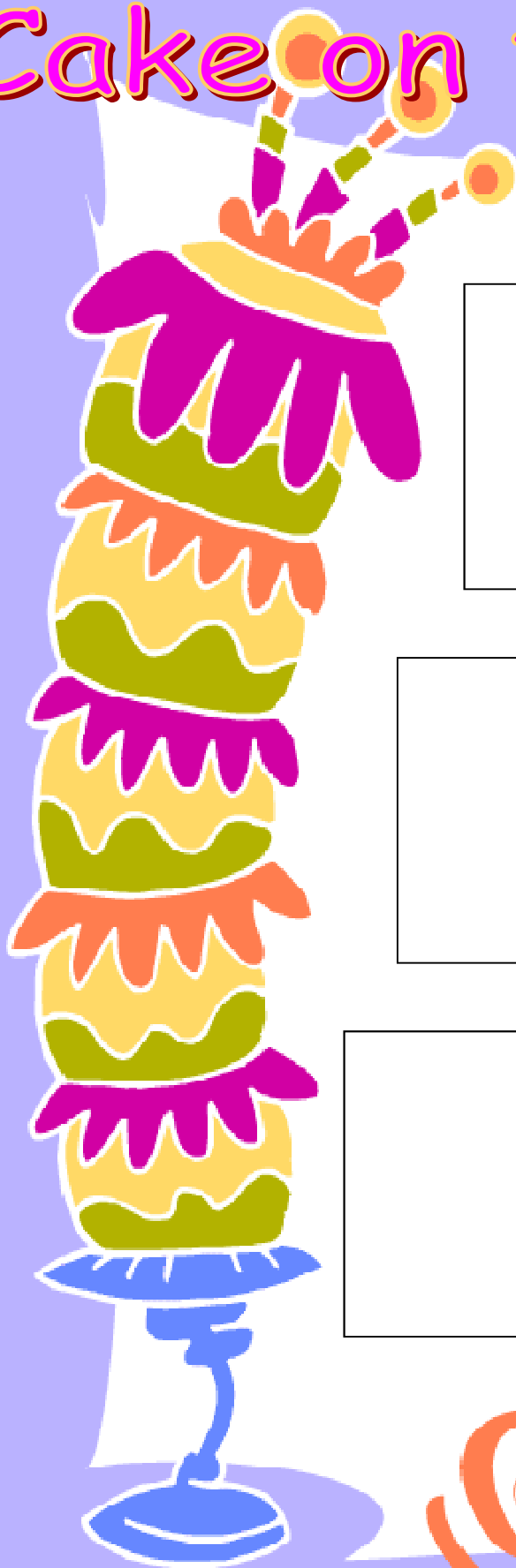


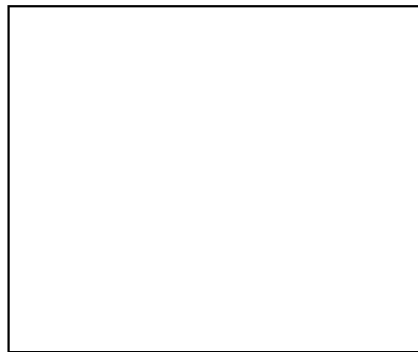
Cake on the Table



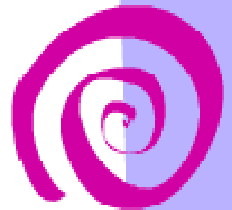
x9



x11



x12



 <p>9</p> 	 <p>18</p> 	 <p>27</p> 
 <p>36</p> 	 <p>45</p> 	 <p>54</p> 
 <p>63</p> 	 <p>72</p> 	 <p>81</p> 
 <p>90</p> 	 <p>99</p> 	 <p>108</p> 
 <p>117</p> 	 <p>126</p> 	 <p>135</p> 

 <p>11</p> 	 <p>22</p> 	 <p>33</p> 
 <p>44</p> 	 <p>55</p> 	 <p>66</p> 
 <p>77</p> 	 <p>88</p> 	 <p>99</p> 
 <p>110</p> 	 <p>121</p> 	 <p>132</p> 
 <p>143</p> 	 <p>154</p> 	 <p>165</p> 

 <p>12</p> 	 <p>24</p> 	 <p>36</p> 
 <p>48</p> 	 <p>60</p> 	 <p>72</p> 
 <p>84</p> 	 <p>96</p> 	 <p>108</p> 
 <p>120</p> 	 <p>132</p> 	 <p>144</p> 
 <p>156</p> 	 <p>168</p> 	 <p>180</p> 

Cake on the Table

Instructions:

Shuffle cards and leave them in a bag or place in a stack on the table. Players take turns to choose a card and decide which group it belongs in (x9, x11 or x12 tables). Is it divisible by 9, 11 or 12? Some may be divisible by more than 1 number, and in that case, players may choose where it goes. The player who places the third card in any group takes that pile of cards. The player who collects the most cards during the game is the winner. *This game includes 9 numbers higher than the 12 times tables which can be used to promote problem solving by students as they mentally calculate the possibilities. These cards can be omitted if extension work is not needed.