

Schuchard Elementary

**MATH**

**ROCKS**

Summer Math Activities

For Students Entering Grade 3

Name: \_\_\_\_\_

# **Are you ready to have “sun” summer math fun?**

You have learned SO much this year! It is important that you keep practicing your mathematical knowledge over the summer to be ready for 3<sup>rd</sup> grade.

Create a personal Math Journal by stapling several pieces of paper together or use a notebook. Be sure to show all your work from the calendar activities in your Math Journal.



Included in this packet:

- \* A calendar of activities for the months of July and August. Once you have completed an activity, have a family member initial the box on the calendar.
- \* A recording sheet for “Places I Visited on My Summer Vacation” – every time you visit one of the listed places put a tally mark next to the place. Write the total number of times that you visit each place at the end of the summer!
  - \* A list of websites you can use to practice your math skills
  - \* X-tra Math Summer Log

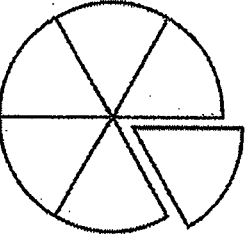

Don't forget to bring your July and August calendars and activities to school on the first day of 3<sup>rd</sup> grade. The teachers at Schwarzkoff will be so proud of your summer math work!

Happy Thinking!

# July

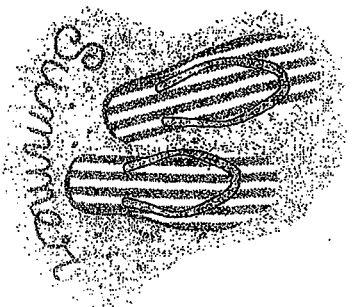
Counting	#1 Use the number grid to count by 2's, 5's, and 10's.	#2 Use the number grid to count by 3's, 4's, and 11's.	#3 Use your number grid to solve this riddle. Start at 32. Add 40. Subtract 25. Ad 15. What number am I? Write the answer in your math journal.	#4 Use your summer Math number grid to solve this riddle. Start at 175. Subtract 50. Add 19. Subtract 100. What number am I? Write the answer in your math journal.
Place Value	#5 Use the digits 3, 4, and 9 to write the largest 3 digit number that you can in your journal. Circle the digit in the 10's place.	#6 Use the digits 2, 7 and 8. Write the smallest 3 digit number that you can in your journal. Then, draw the place value blocks that represent that number.	#7 Use the base-10 block cut-outs (attached) to make the following numbers: 34, 47, 61, 129, 385, and 706.	#8 Add $74 + 18$ . Use your base-10 block cut outs (attached) to make the number that is the sum of $74 + 18$ .
Money	#9 Find a flyer for any supermarket. You have \$5 to spend on 3 items. Choose your items. In your journal show how much change you should get back.	#10  Ask someone to show you 10 coins of any kind. Show the total amount of the coins in your journal. Show the same amount using different coins.	#11 Solve this riddle: A pencil costs 40 cents. Joe buys 1 pencil and gets back a nickel in change. Joe paid for the pencil with 3 coins. Show the coins in your journal.	#12 Solve this riddle: A toy costs 65 cents. Meg buys 1 toy and gets back a dime in change. Meg paid for the toy with three coins. Show the coins in your journal.
Measuring	#13 Scavenger Hunt: Use a ruler to find objects that measure 1 in., 3 in., 5 in., and 10 in.	#14 Scavenger Hunt: Use a ruler to find objects that measure 4 cm, 8 cm, 12 cm, and 16 cm.	#15 Use a cm ruler to measure the hands of 4 people from the wrist to the fingertip. Use the attached sheet and include it in your math journal.	#16 Draw lines that are 4 cm, 6 cm and 10 cm in your math journal.
				

# August

Facts	#1 Use Flash Cards to practice plus 2's.	#2 Use your Flash Cards to practice doubles.	#3 Use your Flash Cards to practice doubles plus 1.	#4 Use your Flash Cards to practice doubles plus 2.
Time	#5 Look at a clock. The hour hand is on 7 and the minute hand is on 6. What time is it now? What time will it be in 30 minutes?	#6 In your journal draw 3 clocks showing 3 things you did at specific times today. Tell what those activities were. Be sure to use both analog and digital times.	#7 Write how you will spend 1 hour of your day today. What will you do?	#8 How much time did you spend reading this week? How much time did you spend studying your fact facts this week? How much time did you spend writing in a journal?
Fractions		#9 Draw 10 small circles in your journal. Color 7 circles. What is the fraction of colored circles?	#10 Draw a rectangle in your journal and shade $\frac{3}{4}$ of it.	#11 Draw 10 small circles in your journal. Color half of the circles. Then, put happy faces on half of the colored circles.
Number Story Problems	#13 Write a story problem for this number sentence. $13 + 24 = \underline{\quad}$	#14 Write a story problem for this number sentence. $49 - 23 = \underline{\quad}$	#15 Write a story problem for any subtraction fact that you know.	
<p><b>Parents/Guardians, please confirm completion of each task by writing your initials in the appropriate box.</b></p>				

Places I visited on

my Summer Vacation

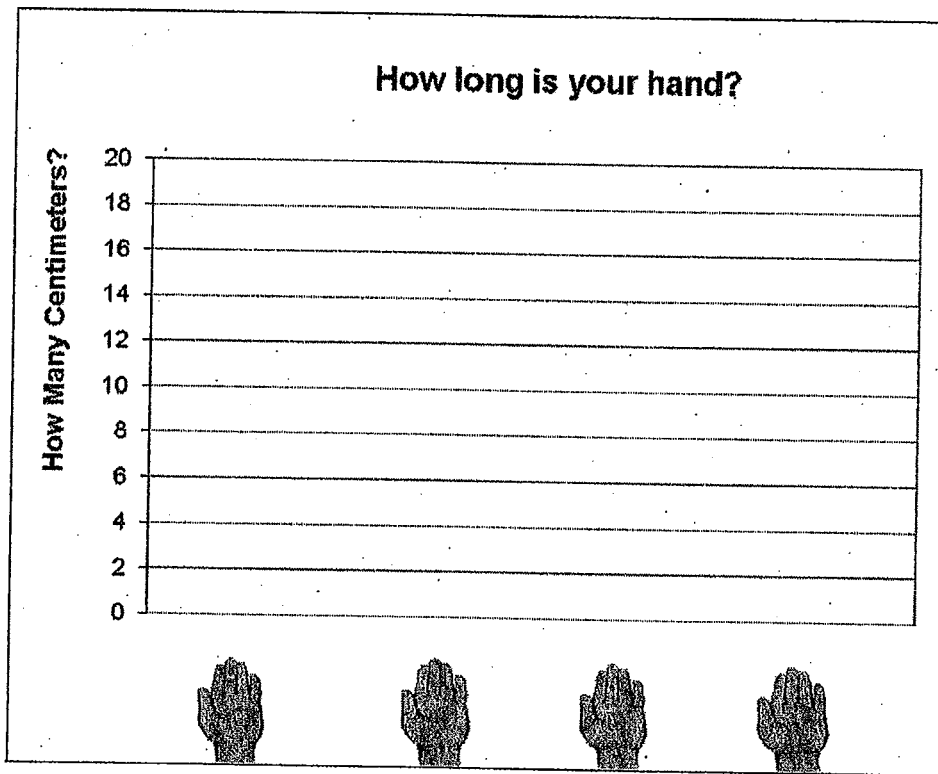


Places	Times
Library	
Beach	
Zoo	
Museum	
Pool	
Playground	
Other	

# Hand Measurements

Name	Length in cm

## My Bar Graph

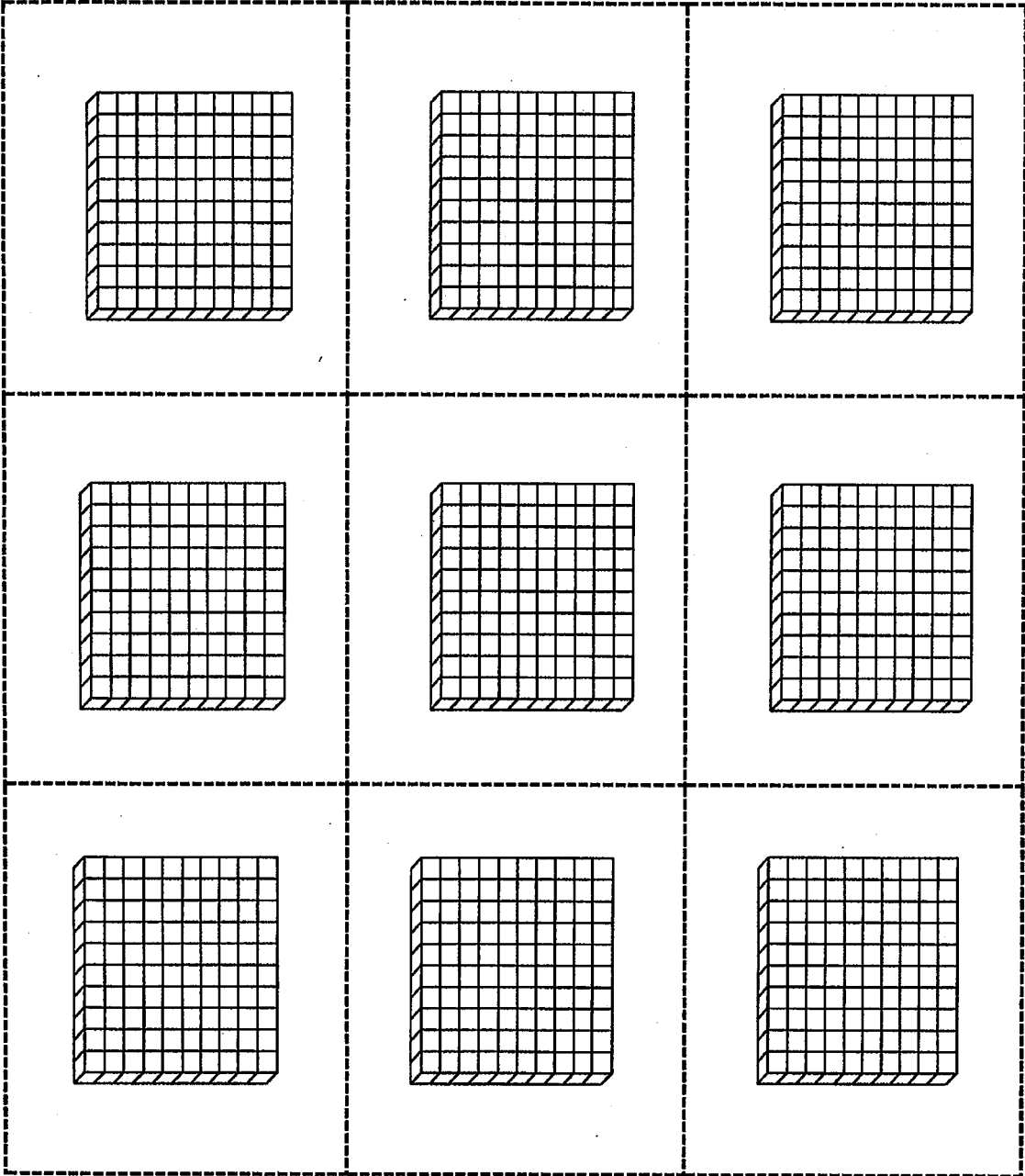


Number Grid

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>
<b>31</b>	<b>32</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>36</b>	<b>37</b>	<b>38</b>	<b>39</b>	<b>40</b>
<b>41</b>	<b>42</b>	<b>43</b>	<b>44</b>	<b>45</b>	<b>46</b>	<b>47</b>	<b>48</b>	<b>49</b>	<b>50</b>
<b>51</b>	<b>52</b>	<b>53</b>	<b>54</b>	<b>55</b>	<b>56</b>	<b>57</b>	<b>58</b>	<b>59</b>	<b>60</b>
<b>61</b>	<b>62</b>	<b>63</b>	<b>64</b>	<b>65</b>	<b>66</b>	<b>67</b>	<b>68</b>	<b>69</b>	<b>70</b>
<b>71</b>	<b>72</b>	<b>73</b>	<b>74</b>	<b>75</b>	<b>76</b>	<b>77</b>	<b>78</b>	<b>79</b>	<b>80</b>
<b>81</b>	<b>82</b>	<b>83</b>	<b>84</b>	<b>85</b>	<b>86</b>	<b>87</b>	<b>88</b>	<b>89</b>	<b>90</b>
<b>91</b>	<b>92</b>	<b>93</b>	<b>94</b>	<b>95</b>	<b>96</b>	<b>97</b>	<b>98</b>	<b>99</b>	<b>100</b>
<b>101</b>	<b>102</b>	<b>103</b>	<b>104</b>	<b>105</b>	<b>106</b>	<b>107</b>	<b>108</b>	<b>109</b>	<b>110</b>
<b>111</b>	<b>112</b>	<b>113</b>	<b>114</b>	<b>115</b>	<b>116</b>	<b>117</b>	<b>118</b>	<b>119</b>	<b>120</b>
<b>121</b>	<b>122</b>	<b>123</b>	<b>124</b>	<b>125</b>	<b>126</b>	<b>127</b>	<b>128</b>	<b>129</b>	<b>130</b>
<b>131</b>	<b>132</b>	<b>133</b>	<b>134</b>	<b>135</b>	<b>136</b>	<b>137</b>	<b>138</b>	<b>139</b>	<b>140</b>
<b>141</b>	<b>142</b>	<b>143</b>	<b>144</b>	<b>145</b>	<b>146</b>	<b>147</b>	<b>148</b>	<b>149</b>	<b>150</b>
<b>151</b>	<b>152</b>	<b>153</b>	<b>154</b>	<b>155</b>	<b>156</b>	<b>157</b>	<b>158</b>	<b>159</b>	<b>160</b>
<b>161</b>	<b>162</b>	<b>163</b>	<b>164</b>	<b>165</b>	<b>166</b>	<b>167</b>	<b>168</b>	<b>169</b>	<b>170</b>
<b>171</b>	<b>172</b>	<b>173</b>	<b>174</b>	<b>175</b>	<b>176</b>	<b>177</b>	<b>178</b>	<b>179</b>	<b>180</b>
<b>181</b>	<b>182</b>	<b>183</b>	<b>184</b>	<b>185</b>	<b>186</b>	<b>187</b>	<b>188</b>	<b>189</b>	<b>190</b>
<b>191</b>	<b>192</b>	<b>193</b>	<b>194</b>	<b>195</b>	<b>196</b>	<b>197</b>	<b>198</b>	<b>199</b>	<b>200</b>

Base 10 Blocks - Cut along the dotted lines!

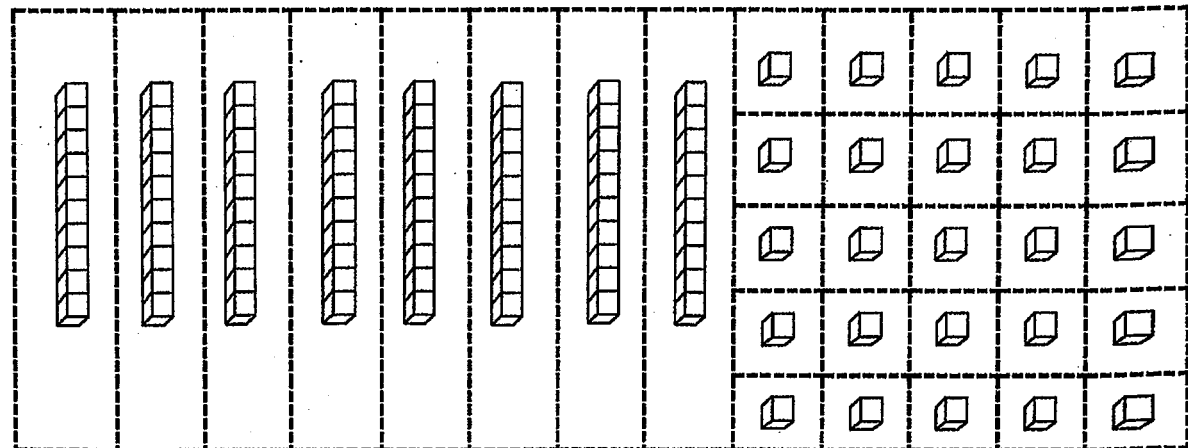
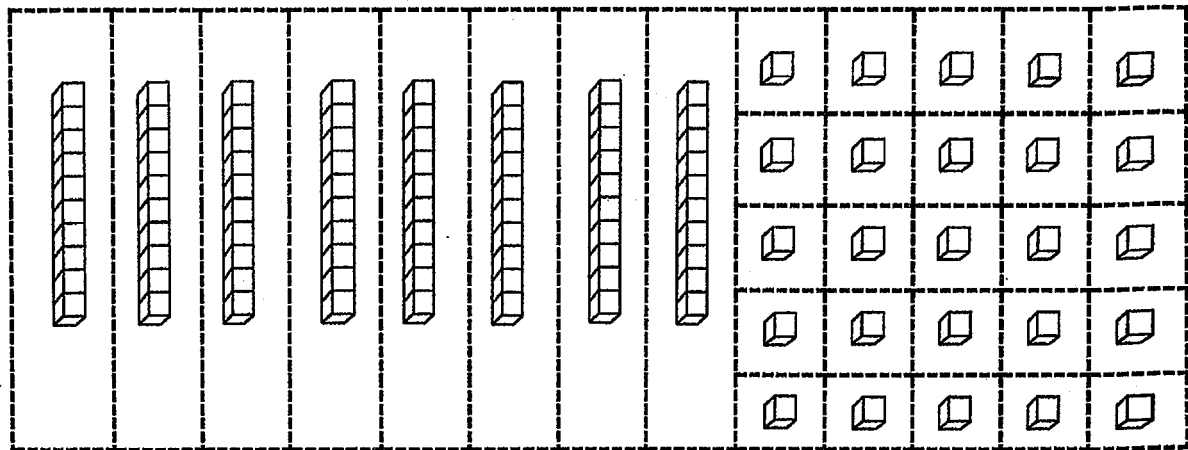
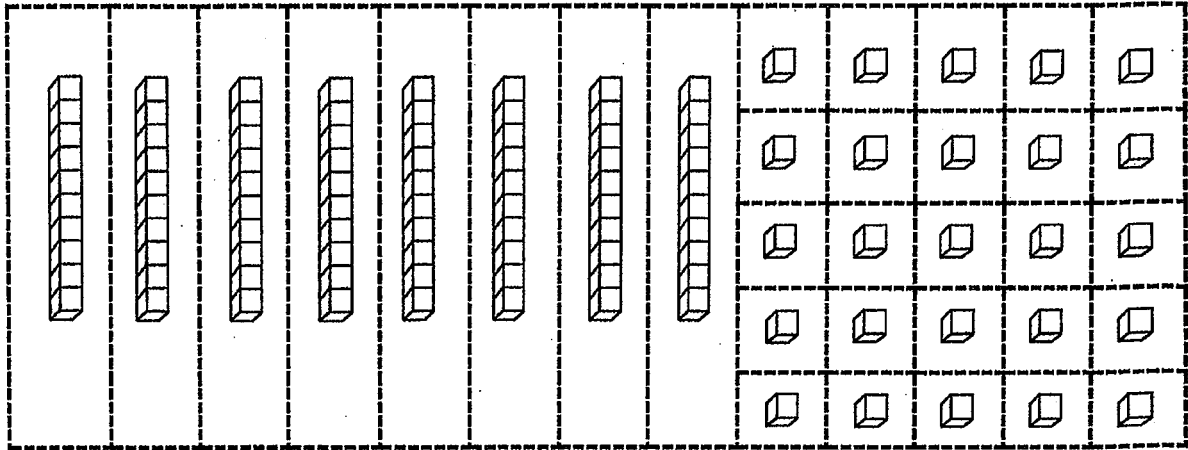
**Base 10 Blocks (hundreds, tens, ones)**





Base 10 Blocks - Cut along the dotted lines!

### Base 10 Blocks (hundreds, tens, ones)



$10 - 3$

7

$10 - 2$

8

$9 - 8$

1

$9 - 7$

2

$9 - 6$

3

$9 - 5$

4

$9 - 4$

5

$9 - 3$

6

$9 - 2$

7

$8 - 7$

1

$8 - 6$

2

$8 - 5$

3

$8 - 4$

4

$8 - 3$

5

$8 - 2$

6

$7 - 6$

1

$7-5$

2

$7-4$

3

$7-3$

4

$7-2$

5

**6-5**

**1**

**6-4**

**2**

**6-3**

**3**

**6-2**

**4**

**Plus 2**

$2 + 2$

4

$3 + 2$

5

$4 + 2$

6

$5 + 2$

7



**Plus 2**

$6 + 2$

8

$7 + 2$

9

$8 + 2$

10

$9 + 2$

11

**Plus 2**

$1 + 2$

3

$0 + 2$

2

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## Doubles

$$1 + 1$$

2

$$2 + 2$$

4

$$3 + 3$$

6

$$4 + 4$$

8

## Doubles

$5+5$

10

$6+6$

12

$7+7$

14

$8+8$

16

**Doubles**

$9+9$

18

$10+10$

20

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## Doubles Plus 1

$1 + 2$

3

$2 + 3$

5

$3 + 4$

7

$4 + 5$

9

## Doubles Plus 1

$5 + 6$

11

$6 + 7$

13

$7 + 8$

15

$8 + 9$

17

**Doubles Plus 1**

$9+10$

19

$10+11$

21

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## Doubles Plus 2

$1 + 3$

4

$2 + 4$

6

$3 + 5$

8

$4 + 6$

10

## Doubles Plus 2

$5 + 7$

12

$6 + 8$

14

$7 + 9$

16

$8 + 10$

18

## Doubles Plus 2

$9 + 11$

20

$10 + 12$

22

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# Math Websites

At the time this list was created, the websites listed were checked by teachers and deemed child appropriate. However, parents should always monitor their child's use of any Internet site. You can also Google many other online math games!

- [www.xtramath.org](http://www.xtramath.org)
- [www.xpmath.com](http://www.xpmath.com)
- [www.mathisfun.com](http://www.mathisfun.com)
- [www.funbrain.com](http://www.funbrain.com)
- <http://www.math-play.com/Middle-School-Math-Games.html>
- [www.multiplication.com](http://www.multiplication.com)
- [www.aaamath.com](http://www.aaamath.com)
- <https://sites.google.com/site/gameonlearning/math-middle-school-games>