

Lesson #116																																																		
1. 7.SP.5 $\frac{4}{9}$	2. 7.SP.6 The theoretical probability is $\frac{1}{6}$ or 16. $\bar{6}$ %. That is closest to the results shown for 5. (17%)																																																	
3. 7.G.4 $C = \pi d$ or $C = 2\pi r$ $150 \cdot 3.14$ $C = 471$ in.	4. 7.EE.2 A) $1x - 0.14x = 0.86x$ B) $1x - 1.4x = 8.6x$																																																	
5. 7.NS.1 B additive inverse property A commutative property	6. 7.G.5 $3a = 18$ 162° $3a^\circ$ $a = 6$ 18° $(23b + 24)^\circ$ $b = 6$ $162 = 23b + 24$																																																	
7. 7.SP.7 $\frac{2}{20}$ $\frac{1}{10}$	8. 7.EE.3 $500.40 \times 1.10 = 550.44$ 550.44 \$137.61																																																	
9. 7.EE.4 $-8 \leq c$ $-10 \leq c - 2$ $-8 \leq c$ $c \geq -8$ -10 -9 -8 -7 -6 -5 -4	10. 7.SP.2 It depends how many parents are meant by "several." Parents in each grade level should be asked randomly to make a valid inference.																																																	
11. 7.RP.3 $\frac{472 - 412}{472} \times 100 = 12.7\%$ error actual - guessed actual	12. 7.SP.8 <table border="1"> <thead> <tr> <th>DICE</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1,1</td> <td>1,2</td> <td>1,3</td> <td>1,4</td> <td>1,5</td> <td>1,6</td> </tr> <tr> <td>2</td> <td>2,1</td> <td>2,2</td> <td>2,3</td> <td>2,4</td> <td>2,5</td> <td>2,6</td> </tr> <tr> <td>3</td> <td>3,1</td> <td>3,2</td> <td>3,3</td> <td>3,4</td> <td>3,5</td> <td>3,6</td> </tr> <tr> <td>4</td> <td>4,1</td> <td>4,2</td> <td>4,3</td> <td>4,4</td> <td>4,5</td> <td>4,6</td> </tr> <tr> <td>5</td> <td>5,1</td> <td>5,2</td> <td>5,3</td> <td>5,4</td> <td>5,5</td> <td>5,6</td> </tr> <tr> <td>6</td> <td>6,1</td> <td>6,2</td> <td>6,3</td> <td>6,4</td> <td>6,5</td> <td>6,6</td> </tr> </tbody> </table> $P(\text{double 5s}) = \frac{1}{36} = \frac{1}{6} \cdot \frac{1}{6}$	DICE	1	2	3	4	5	6	1	1,1	1,2	1,3	1,4	1,5	1,6	2	2,1	2,2	2,3	2,4	2,5	2,6	3	3,1	3,2	3,3	3,4	3,5	3,6	4	4,1	4,2	4,3	4,4	4,5	4,6	5	5,1	5,2	5,3	5,4	5,5	5,6	6	6,1	6,2	6,3	6,4	6,5	6,6
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