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Baseball bats	\$25.00		\$22.00
Baseball helmets	\$40.00		\$35.00
Baseballs	\$8.00		\$7.00
Footballs	\$26.00		\$22.00
		-	

i) Which items were the most expensive pre sale ii) Which item was the least expensive pre sale iii) Which item decreased in price by \$6.00 for the sc iv) Which item decreased by the least amount of money for the sale?v) Which item had a 10 percent discount for the sale? vi) Which post sale items cost the same as other pre sale items? vii) What item had exactly a 15 percent discount for the sale? viii) What item has the largest percentage discount post sale? ix) What two items cost the same post sale? x) What items can be purchased for exactly \$42.00 post sale? xi) Which items could be purchased for a total of \$37 pre sale?
xii) Which sale item cost one tenth of two other items pre sale?
xiii) What item cost \$31 more than basketballs post sale?
xiv) What is the ratio of the price of hockey gloves to basketball hoops post sale? hoops post sale? xv) What is the mode of the post sale prices? xvi) What is the range of the post sale prices? Use your computer or internet to research the prices of the **Explore With Technology** above sports equipment in your area. Write the prices and compare the costs of the items. Explain how the costs are similar and different.

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ii) What is the probability that you will land on an even number?	
iii) What is the fallo of odd humbers to even humbers?	
iv) what percent of the game board is made of white squares?	
v) what percent of the game board is made of dark arry squares?	
vi) what inaction of the game board is made of dark gray squares?	
vii) what fraction of the squares have black numbers?	
VIII) what fraction of the squares have white humbers?	
ix) What is the ratio of white numbers to black numbers?	
x) What percent of the numbers on the board are even and less than 10?	
xi) What are your chances of landing on a light gray square?	
xii) What are your chances of landing on a dark gray square with an	
odd number?	
xiii) What are your chances of landing on a white square with an	
odd number?	
xiv) What are your chances of landing on a light gray square with an	
odd number?	
xv) What are you more likely to land on, a dark gray square with an	
even number or a white square with an odd number?	
xvi) What are you more likely to land on, a dark gray square with an	
odd number, a light gray square with an odd number, or a square	
with white lefters?	
Petlection Create your own game board like this one. Write six probability sto	atements
using your board.	
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NAME:

17a) Look at the following weather predications for the month of March below. Ex: What is the median high temperature predicted for all five cities?

51°F (10.6°C)

City	Predicted High	Predicted Low	Sky at day	Chance of precipitation
Chicago	34°F (1.1°C)	28°F (-2.2°C)	Mostly cloudy	25% chance of rain
Vancouver	51°F (10.6°C)	40°F (4.6°C)	Mostly sunny	5% chance of rain
Los Angeles	75°F (23.9°C)	58°F (14.4°C)	Mostly sunny	10% chance of rain
New York	36°F (2.2°C)	25°F (-3.9°C)	Cloudy	80% chance of snow
Orlando	82°F (27.8°C)	60°F (15.6°C)	Mostly cloudy	70% chance rain

i) Which city has the lowest predicted high temperature?

ii) Which city has the highest predicted low temperature?

- iii) Which city is least likely to see precipitation?
- iv) Which city is most likely to see precipitation?

Which aity is most likely to see rain? vi) What is the average predicted high for all five cities?vii) What is the average predicted low for all five cities?

viii) What is the median temperature predicted for all fiv

- ix) What is the range in predicted high temperatures?
- x) What is the range in predicted low temperatures?
- xi) Which city is likely to see the most clouds?
- xii) What is the ratio between Los Angeles predicted high and New York's predicted low in Fahrenheit?
- xiii) The predicted high for Chicago is lower than the predicted low of which three cities?
- xiv) Which city's predicted high is 3°F (19.5°C) more than twice the predicted high of New York?
- xv) What is the mean predicted temperature for Orlando?
- xvi) What is the mean predicted low of Chicago and Los Angeles?

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17.	Review A	Review B	Review C
a)	a)		a)
i) Chicago	i) 20 students		i) 61 sales
ii) Orlando	ii) 2 students		ii) 51 sales
iii) Vancouver iv) New York	iii) 4 students		iv) Chocolate and
v) Orlando	iv) 6 students		Caramel
vi) 55.6°F (13.12°C) vii) 42.2°F (28.5°C)	v) 0, 4 and 5 pets	a) i) 25 students	v) Peanut Butter and Mint
viii) 45.5°F (7.6°C)	vi) 10%	ii) 30 students	
median ix) 48°F (26.7°C) range	vii) 5%	iii) Flute	vi) Coconut
x) 35°F (19.5°C) range	viii) 1/5	iv) Drum	vii) Chocolate
xii) 3:1	ix) 1 pet	v) Drum	ix) Chocolate and Coconut
) Vancouver, Los Angeles and Orlando	x) 1 pet xi) 2 pets	vi) 1 more	x) Chocolate and Caramel xi) 1:1
xiv) Los Angeles	xii) 3·1	vii) Trumpet	xii) Peanut Butter
xv) 71°F (21.7°C) xvi) 43°F (6.1°C)	xii) 54 pets xiv) 1/6	viii) Clarinet ix) 1/5 x) 1/6	xiii) Yellow Team xiv) 3:2
	xv) 1/9 xvi) 2.7 pets	xi) 2:1 xii) 2:3	xv) Mint xvi) 13 sales
		xiii) 12% xiv) 20% xv) 23.6%	
22		xvi) 16.4%	
~~~~	24	23	20