



**HOFFKIDS MATH QUESTIONS (HMQ)**

\*JUST HIT FILE and PRINT the entire document. Work on it. Bring to class!

Question #	Topic	Math Questions
HMQ6	Prime #s	Aliyah was reading a short book called The First Twenty Prime Numbers; a guide to 6th grade fun. On the first page of the book, the author challenges the reader to list the first twenty prime numbers. Now the challenge is on you! List <b>the first twenty</b> prime numbers in ascending order. Be careful-read carefully! <hr/>
HMQ7	Prime #'s	Nicole's grandfather said, "My age is the only prime number between 55 & 60." How old is Nicole's grandfather? Answer: _____ years old
HMQ8	Prime and Composite	Check off if each number is prime, composite, or neither. 1      _____ prime      _____ composite      _____ neither 2      _____ prime      _____ composite      _____ neither 0      _____ prime      _____ composite      _____ neither 51     _____ prime      _____ composite      _____ neither 91     _____ prime      _____ composite      _____ neither 93     _____ prime      _____ composite      _____ neither 200    _____ prime      _____ composite      _____ neither
HMQ9	Factors	List in ascending order (low to high), all the factors of 84. 84: { _____ }
HMQ10	Prime #'s	<p><b>*6th grade CHALLENGE PROBLEM* PROCEED WITH CAUTION...</b></p> Joel and Jacob are brothers. This year both of their ages are prime numbers. Last year both their ages were composite numbers. Both of their ages will be composite numbers again for each of the next three years. If Joel and Jacob are both teenagers and not the same age, how old are they now? _____ AND _____
HMQ11	Prime and Composite	<p><b>1) Go to Hoffkids.com, Math Links (ZONE 4), Site M420</b>  <b>2) Do the Math Potato called "Identify Prime, Composite, Both or Neither."</b>                      (look for a 2<sup>nd</sup> short Do Now Quiz on Prime vs Composite numbers soon; like real soon!)</p>