



**HOFFKIDS MATH QUESTIONS (HMQ)**

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

Question #	Topic	Math Questions
HMQ5	Problem Solving	Yuha was born in 1998. She wants to know in what year she will have her 25th birthday. Part A In what year will Yuha turn 25? _____ Part B On Yuha's birthday in 2012, Yuha's father was 4 times as old as Yuha. How old was Yuha's father in 2012? <b>Show your work:</b>  answer: _____ years old
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.  _____ _____
HMQ7	Prime #'s	Nicole's grandfather said, "My age is the only prime number between 55 & 60." PART A How old is Nicole's grandfather? Answer: _____ years old PART B Explain on the lines below how you know your answer is correct.  _____ _____ _____
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 117    _____ prime        _____ composite        _____ neither
HMQ9	Prime and Composite	<p style="text-align: center;"><b>1) Go to Hoffkids.com ZONE 4 (Math Links) Site M420</b>  <b>2) Do the Math Potato called "Identify Prime, Composite, Both or Neither."</b>  <b>(look for a 2<sup>nd</sup> short Do Now Quiz on Prime vs Composite numbers soon; like real soon!)</b></p>
HMQ10	Prime #'s	<p style="text-align: center;"><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 _____