


**HOFFKIDS MATH QUESTIONS (HMQ)**

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

Question #	Topic	Math Questions
HMQ78	comparing fractions	<p>Use the inequality symbols <math>&gt;</math>, <math>&lt;</math>, or <math>=</math> sign to compare the fractional amounts.  <b>Compare using equivalent fractions of the same denominator.</b></p> <p>1) <math>\frac{3}{5}</math> <input type="text"/> <math>\frac{4}{7}</math></p> <p>2) <math>\frac{4}{9}</math> <input type="text"/> <math>\frac{3}{4}</math></p> <p>3) <math>2\frac{7}{8}</math> <input type="text"/> <math>2\frac{5}{6}</math></p>
HMQ79	comparing fractions	<p>At Avon Café, <math>\frac{5}{8}</math> of the customers left a large tip. In contrast, <math>\frac{4}{7}</math> of the customers at Springfield Bistro left a large tip.            Which restaurant had a greater fraction of customers who left a large tip?  <b>PROVE your answer by showing your work.</b></p>
HMQ80	comparing fractions	<p><math>\frac{2}{3}</math> of the local science club contestants were competing for the first time,            while <math>\frac{1}{6}</math> of the regional science contestants were competing for the first time.            Which science club had a greater fraction of first-time contestants?  <b>PROVE your answer by showing your work.</b></p>



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HMQ81	Comparing Fractions	<p>Douglas found <math>2\frac{2}{3}</math> lbs of gold in the earth. His friend found <math>2\frac{4}{7}</math> lbs of gold in the earth.</p> <p>part A) Who found more gold? Prove it like class. _____</p> <p>part B) How much more did the person you said in Part A find?</p>				
HMQ82	comparing fractions	<p>For Kara’s birthday, <math>\frac{3}{4}</math> of the presents were gift cards. For Jake’s birthday, <math>\frac{6}{7}</math> of the presents were gift cards.</p> <p>Who received a greater fraction of gift cards?</p> <p><b>PROVE your answer by showing your work.</b></p>				
HMQ83	Comparing fractions	<p><b>** This is multiple choice. Do NOT just circle an answer. Spend much time proving which one is larger by using common denominators and reasoning.</b></p> <p>Which one of the following fractions is the largest?</p> <table border="1" data-bbox="451 1486 1349 1787"> <tr> <td data-bbox="451 1581 1049 1682">A <math>\frac{1}{3}</math></td> <td data-bbox="1049 1581 1349 1682">B <math>\frac{5}{12}</math></td> </tr> <tr> <td data-bbox="451 1682 1049 1787">C <math>\frac{2}{5}</math></td> <td data-bbox="1049 1682 1349 1787">D <math>\frac{13}{30}</math></td> </tr> </table>	A $\frac{1}{3}$	B $\frac{5}{12}$	C $\frac{2}{5}$	D $\frac{13}{30}$
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