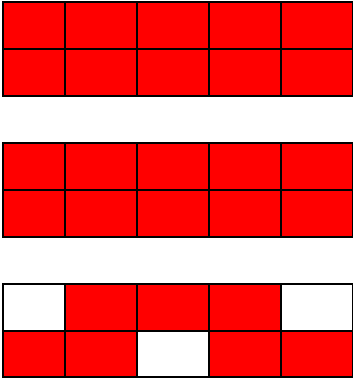


ONLINE BRAIN TEASERS - FRACTIONS

NAME: _____ DATE: _____

SHOW ALL WORKING!!!

NO.	QUESTION	WORKING
1.	<p>Change these improper fractions into mixed numbers:</p> <p>a. $\frac{36}{7} =$ _____</p> <p>b. $\frac{21}{10} =$ _____</p> <p>c. $\frac{71}{9} =$ _____</p> <p>d. $\frac{45}{8} =$ _____</p>	
2.	<p>Change the following mixed numbers into improper fractions:</p> <p>a. $2\frac{3}{8} =$ _____</p> <p>b. $9\frac{6}{7} =$ _____</p> <p>c. $4\frac{3}{9} =$ _____</p> <p>d. $8\frac{5}{6} =$ _____</p>	

<p>3.</p>	<p>1. Look at these diagram and express as:</p> <p>a. an improper fraction = _____</p> <p>b. a mixed number = _____</p> 	
<p>4.</p>	<p>If 4 cakes were cut into eights, how many slices of cake would you get?</p> <p>Answer: _____</p>	
<p>5.</p>	<p>Write an equivalent fraction for $\frac{6}{7}$</p> <p>Answer: _____</p>	
<p>6.</p>	<p>Express $\frac{8}{32}$ as an equivalent fraction</p> <p>Answer: _____</p>	

7.	Reduce $\frac{75}{100}$ to the lowest fraction Answer: _____	
8.	Compare these two fractions and put the symbol $>$, $<$ or $=$ in the box provided, to make the statement true: a. $\frac{7}{8}$ <input type="text"/> $\frac{3}{4}$ b. $\frac{2}{3}$ <input type="text"/> $\frac{5}{12}$ c. $\frac{1}{2}$ <input type="text"/> $\frac{2}{5}$	
9.	Fill in the missing number: a. $\frac{2}{8} = \frac{\quad}{4}$ b. $\frac{5}{10} = \frac{1}{\quad}$ c. $\frac{1}{3} = \frac{\quad}{12}$ d. $\frac{4}{5} = \frac{16}{\quad}$	

10.	<p>Abigail and Hannah bought a cake. Abigail ate $\frac{2}{12}$ of the cake and Hannah ate $\frac{4}{12}$ of the cake.</p> <p>a) What fraction of the cake did Abigail and Hannah eat altogether?</p> <p>Answer: _____</p> <p>b) What fraction of the cake was left?</p> <p>Answer: _____</p>	
11.	<p>Mrs. Cannon bought $\frac{6}{10}$ kg of cheese. She also bought some fruits that were $\frac{3}{5}$ kg lighter than the cheese. What was the total mass of the food that she bought?</p> <p>Answer: _____</p>	

12.

Two pieces of ribbon measure $\frac{5}{6}$ metres and $\frac{1}{2}$ metres respectively. What is the difference between the lengths of the two pieces of ribbon?

Answer: _____