

Name: _____

Thursday Night

**Check
Me
Out!**



Want a quick review? Check out this week's (or previous week's) tutorials at mcdbsemath.weebly.com/homework.html

This week: multiplication of fractions as scaling up and down

I completed a TenMarks assignment last night.

McDonald practice

Read each expression in the EXPRESSION BANK and decide whether the product of the two factors is *less than* $\frac{3}{4}$, *equal to* $\frac{3}{4}$, or *greater than* $\frac{3}{4}$ without multiplying the factors. Write each expression in the appropriate column of the chart.

EXPRESSION BANK	product $< \frac{3}{4}$	product $= \frac{3}{4}$	product $> \frac{3}{4}$
$\frac{3}{4} \times 2$ $\frac{3}{4} \times \frac{2}{3}$ $\frac{2}{2} \times \frac{3}{4}$ $\frac{3}{4} \times \frac{6}{2}$ $\frac{3}{4} \times \frac{9}{10}$ $\frac{1}{8} \times \frac{3}{4}$ $\frac{3}{4} \times \frac{5}{5}$			

Find the fractional value of each of the numbers below.

(8) What is $\frac{1}{4}$ of 24? _____

(21) What is $\frac{1}{5}$ of 25? _____

(9) What is $\frac{4}{5}$ of 45? _____

(22) What is $\frac{2}{3}$ of 27? _____

(10) What is $\frac{3}{10}$ of 50? _____

(23) What is $\frac{1}{4}$ of 24? _____

Compare each pair of fractions using a $<$, $>$ or $=$ sign.

$\frac{1}{8}$

$\frac{2}{3}$

$\frac{9}{12}$

$\frac{3}{5}$

$\frac{2}{5}$

$\frac{4}{10}$

$\frac{2}{5}$

$\frac{4}{9}$

$\frac{2}{3}$

$\frac{2}{3}$

$\frac{10}{12}$

$\frac{1}{12}$

$\frac{4}{9}$

$\frac{1}{2}$

$\frac{2}{6}$

$\frac{1}{4}$

$\frac{8}{10}$

$\frac{4}{6}$

$\frac{3}{9}$

$\frac{6}{12}$

$\frac{2}{5}$

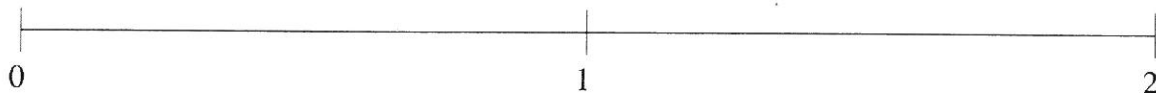
$\frac{2}{9}$

$\frac{1}{9}$

$\frac{1}{3}$

Place the fractions on the # line.

$1\frac{1}{2}, 1\frac{4}{5}, \frac{2}{5}, \frac{7}{10}, 1\frac{1}{5}$



Solve.

8. $\frac{1}{14} + \frac{1}{7}$

12. $\frac{1}{8} + \frac{15}{16}$

7. $\frac{13}{16} - \frac{1}{4}$