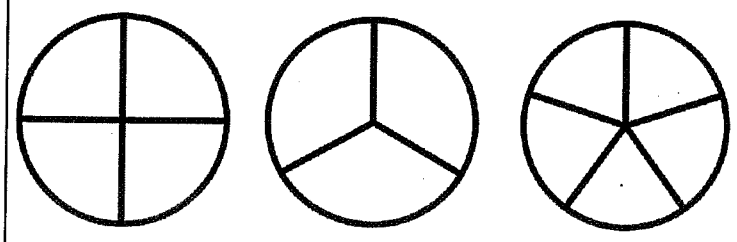
NAME: _____ WEDNESDAY NIGHT

Madison is a student in another class. Her teacher asked her to find a fraction that is equivalent to 3 wholes. Madison's answer is shown to the right.

$\frac{?}{?} = 3$ | $\frac{12}{12} = 3$

Below is the work Madison did to show how she arrived at her answer:



4 pieces 3 pieces 5 pieces

12 pieces in all (4 + 3 + 5 = 12)

I got my answer by drawing three wholes and then I split up the wholes into fractions. I made 12 pieces out of 3 wholes, so $3 = \frac{12}{12}$

What is incorrect about Madison's reasoning? Use words, numbers, and/or symbols to support your thinking.

_____

_____

_____

_____

$\frac{1}{4}$ of 48 = ____

$\frac{1}{8}$ of 56 = ____

$\frac{1}{6}$ of 30 = ____

Determine which letter best represents the correct answer.

	$5 \times 6\ ^2/_3 =$	$5 \times 6\ ^2/_3 = 33\ ^1/_3$
Anytime you multiply a fraction and a whole number, you can estimate the answer by remember that the fraction is just part of a number.	In the example above, $6\ ^2/_3$ is larger than 6 but less than 7. So we know the answer is going to be between 5×6 and 5×7.	The actual answer is $33\ ^1/_3$ which is between 5×6 (30) and 5×7 (35).

Ex)	$7 \times 4\ ^1/_2$	**A.** $39\ ^1/_2$	**B.** $31\ ^1/_2$	**C.** $43\ ^1/_2$	**D.** $22\ ^2/_2$
1)	$9 \times 4\ ^4/_7$	**A.** $41\ ^1/_7$	**B.** $53\ ^1/_7$	**C.** $31\ ^2/_7$	**D.** $51\ ^1/_7$
2)	$4 \times 8\ ^4/_5$	**A.** $28\ ^2/_5$	**B.** $59\ ^1/_5$	**C.** $40\ ^1/_5$	**D.** $35\ ^1/_5$
3)	$3 \times 7\ ^4/_6$	**A.** 23	**B.** 27	**C.** 18	**D.** 44
4)	$9 \times 9\ ^4/_7$	**A.** $113\ ^1/_7$	**B.** $96\ ^1/_7$	**C.** $76\ ^2/_7$	**D.** $86\ ^1/_7$

Megan was packing up some of her old stuff into a box. If each box could hold three eighths of a pound and she packed three boxes, how much weight did she pack?

Chloe made spicy and regular chili for the chili cook-off. She made enough spicy to fill up two fifths of a pot. If she made nine times as much regular, how many pots of regular did she have?

Rewrite each fraction as a division expression.

$\frac{1}{8} =$ _____ $\frac{3}{10} =$ _____ $\frac{9}{2} =$ _____

Write a fraction that is equal to each division expression.

$6 \div 7 =$ _____ $3 \div 8 =$ _____ $5 \div 6 =$ _____