

NAME _____

DATE

1/12/12

Classroom Groups

1 Mrs. Larsen has 20 little erasers. She wants to divide the erasers evenly among the 6 students in her reading group. How many erasers will each student get? Show all your work.

2a The teacher wanted his class to work in groups of 4. After he divided them into groups, there were 6 groups of 4 and 1 group of 3. How many students were in the class? Show all your work.



CHALLENGE

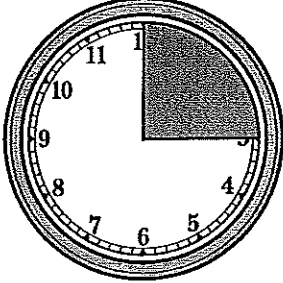
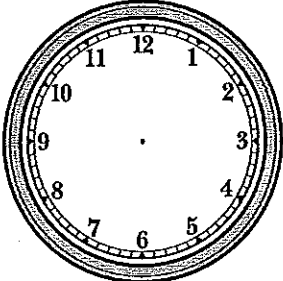
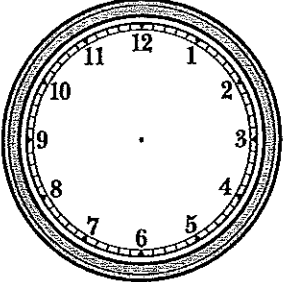
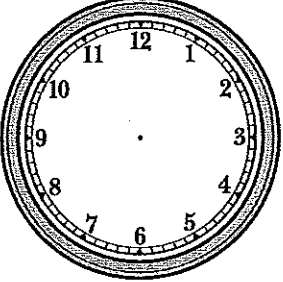
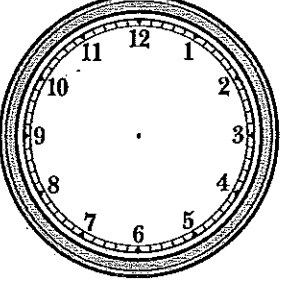
b If the teacher wanted all the groups to be exactly the same size, how many students should be in each group? How many small groups would there be? Show all your work.

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Fractions of an Hour

Complete the table.

Fractions of an Hour	Picture on a Clock	How Many Minutes?
<p>example</p> <p>$\frac{1}{4}$</p>		<p>15 minutes</p>
<p>1</p> <p>$\frac{1}{3}$</p>		
<p>2</p> <p>$\frac{3}{4}$</p>		
<p>3</p> <p>$\frac{2}{3}$</p>		
<p>4</p> <p>$\frac{1}{6}$</p>		

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More Time & Distance Problems

1 Mr. Jackson stayed for an hour after school to help his students with their math homework. Four students came in for help. If Mr. Jackson spent the same amount of time helping each student and used up the whole hour, how much time did he spend with each student? Express your answer both as a fraction of an hour and as a number of minutes. Show your work.

Mr. Jackson spent _____ of an hour with each student.

Mr. Jackson spent _____ minutes with each student.



CHALLENGE

2 A very slow snail crawls at a rate of 12 feet per hour. If the snail crawls for 45 minutes, how far will she get? Show your work.

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Division Tables & Equivalent Fractions

1 Complete the division tables below.

ex

÷	10	4	18	6	16	12	14	8
2	5	2	9	3	8	6	7	4

a

÷	8	32	12	16	36	28	24	20
4	2							

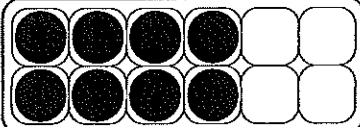
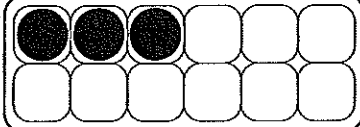
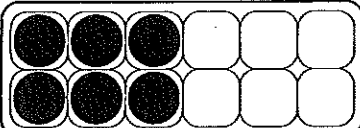
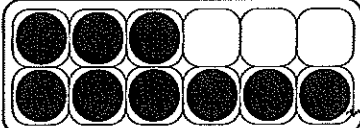
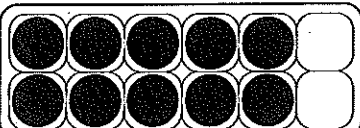
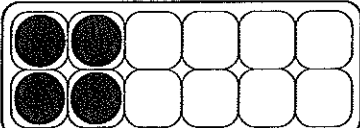
b

÷	16	48	72	56	64	32	40	24
8	2							

c

÷	14	63	42	35	56	49	28	21
7	2							

2 Write at least two fractions to show how much of each egg carton is filled.

<p>example</p>  <p>$\frac{8}{12}$ $\frac{4}{6}$ $\frac{2}{3}$</p>	<p>a</p> 
<p>b</p> 	<p>c</p> 
<p>d</p> 	<p>e</p> 

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Packages & Pizzas

1 Brandon was buying muffins for his family to eat for breakfast. There were 6 muffins in each package. Brandon wanted to get 18 muffins. How many packages did he need to buy? Use labeled sketches, numbers, and/or words to solve this problem. Show all your work.



2 Mrs. Ramos is buying tennis balls for the students in her class to play with. She wants every student to have his or her own tennis ball. There are 3 tennis balls in each package, and there are 28 students in the class. How many packages does Mrs. Ramos need to buy? Use labeled sketches, numbers, and/or words to solve this problem. Show all your work.



CHALLENGE

3 The football team went out to eat after the game. The players sat at 4 tables. The coach ordered 9 pizzas. If each table got exactly the same amount of pizza, how many pizzas did each table get? Use labeled sketches, numbers, and/or words to solve this problem. Show all your work.

