WEB MATH MINUTE

5	63	2	36	11	7	3	1	10	1
÷ 5	÷ 9	× 7	÷ 9	× 8	× 4	× 10	× 9	× 1	× 3

48	12	4	1	44	7	6	11	21	9
÷ 4	× 5	÷ 2	× 12	÷ 11	× 3	× 7	× 2	÷ 3	× 7

8	5	6	30	1	12	77	11	9	11
× 10	× 9	× 12	÷ 10	× 7	× 2	÷ 7	× 9	÷ 1	× 4

12	4	40	120	88	4	4	5	24	10
÷ 6	× 5	÷ 8	÷ 12	÷ 8	× 8	× 11	× 1	÷ 12	× 3

33	88	2	99	132	28	56	7	8	132
÷ 11	÷ 11	× 6	÷ 9	÷ 11	÷ 4	÷ 7	× 8	× 5	÷ 12

NAME _____ | DATE _____

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1 Complete the box challenges.

ex

3 / $\frac{1}{2}$ / 6 / $6\frac{1}{2}$

a

$\frac{5}{6}$ / $3\frac{5}{6}$
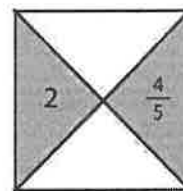
b

2 / $\frac{4}{5}$
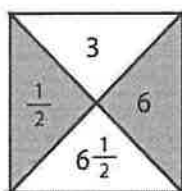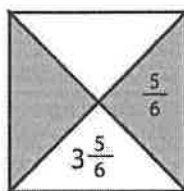
2 Find the product of each.

a $11 \times \frac{1}{8} =$

b $\frac{3}{8} \times 16 =$

c $\frac{7}{3} \times 12 =$

d $15 \times \frac{2}{3} =$

3 Fill in the blank.

a $19 \times \frac{5}{5} = \boxed{}$

b $\frac{12}{12} \times \boxed{} = 14$

4 Fill in the ratio table for 23.

Number of Groups	1	2	10	5	20	15			
Total	23								

5 Solve these two division problems using the ratio table above. You can add to the ratio table if you want to.

ex $368 \div 23 = 16$

$$
\begin{array}{r}
1 \\
5 \\
10
\end{array} \Big] 16
$$

$$
\begin{array}{r}
23\overline{)368} \\
-230 \\
\hline
138 \\
-115 \\
\hline
23 \\
-23 \\
\hline
0
\end{array}
$$

a $529 \div 23 = $ ____

b $414 \div 23 = $ ____

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6 Jill grew out her hair for several years to donate to charity. When she was finally ready to have it cut, she asked her mother to take off $10\frac{2}{3}$ inches. She liked it short so much that she got another $1\frac{7}{8}$ inches cut off.

a How much hair did Jill have cut off in all? Show your work.

b How much more hair was cut off the first time than the second? Show your work.

c Jill estimates that her hair will grow $\frac{2}{3}$ of an inch every month. How much longer will her hair be in 10 months than it is now? Show your work.

7 **CHALLENGE** Cameron loves to read and has a big collection of books. Half of them are fantasy, one-fourth of them are biographies, one-eighth of them are mysteries, and 6 of them are sports books. How many books does Cameron have in all? How many of them are fantasy, how many of them are biographies, and how many of them are mysteries? Show your work.