

Lesson 14: Writing Division Expressions

Classwork

Example 1

Fill in the three remaining squares so that all the squares contain equivalent expressions.

The quotient of 15 and 3	$3 \overline{) 15}$
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Equivalent Expressions </div>	
$15 \div 3$	$\frac{15}{3}$

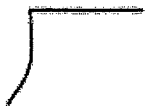
Example 2


Fill in a blank copy of the four boxes using the words *dividend* and *divisor* so that it is set up for any example.


The quotient of the dividend and the divisor.	$\text{divisor} \overline{) \text{dividend}}$
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Equivalent Expressions </div>	
$\text{dividend} \div \text{divisor}$	$\frac{\text{dividend}}{\text{divisor}}$


Exercises

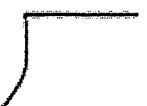
Complete the missing spaces in each rectangle set.


	Equivalent Expressions	
\div		_____

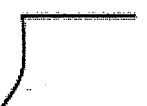
	Equivalent Expressions	
\div		_____

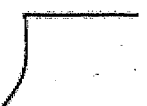
	Equivalent Expressions	
\div		_____

	Equivalent Expressions	
\div		_____

	Equivalent Expressions	
\div		_____

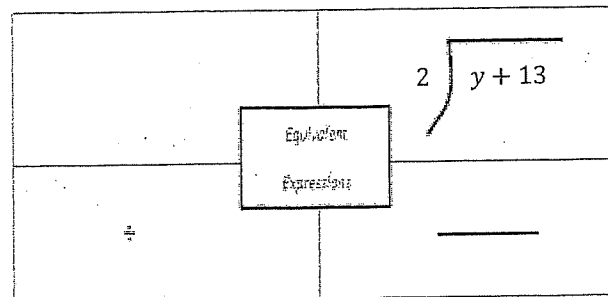
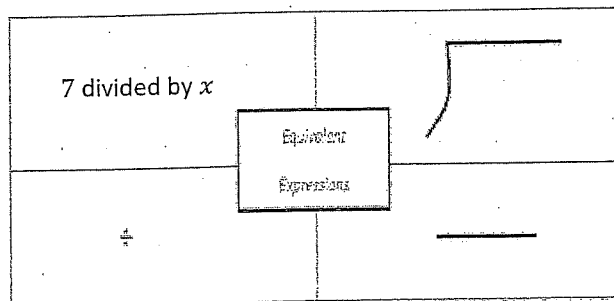
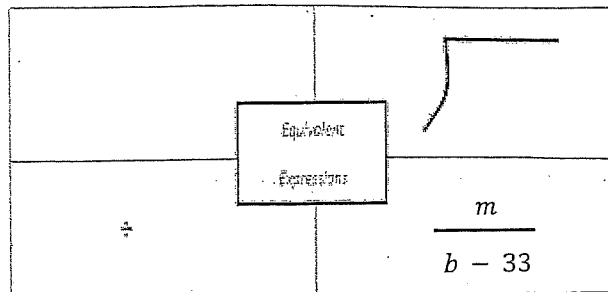
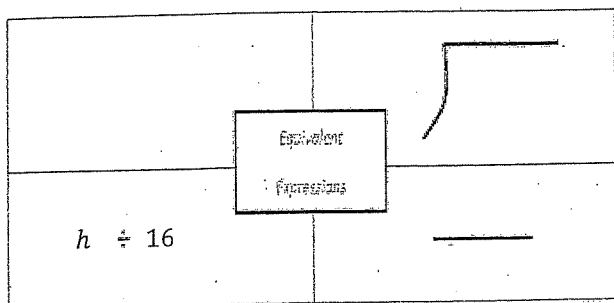
	Equivalent Expressions	
\div		_____

	Equivalent Expressions	
\div		_____

	Equivalent Expressions	
\div		_____

Problem Set

Complete the missing spaces in each rectangle set.



Exercise Handout

Set A

1. $5 \div p$
2. The quotient of g and h
3. $w \overline{)23}$
4. $\frac{y}{x+8}$
5. 7 divided by the quantity a minus 6
6. $3 \overline{)m+11}$
7. $(f + 2) \div g$
8. $\frac{c-9}{d+3}$

Set B

1. $h \div 11$
2. The quotient of m and n
3. $5 \overline{)j}$
4. $\frac{h}{m-4}$
5. f divided by the quantity g minus 11
6. $18 \overline{)a+5}$
7. $(y - 3) \div x$
8. $\frac{g+5}{h-11}$

Set C

1. $6 \div k$
2. The quotient of j and k
3. $10 \overline{)a}$
4. $\frac{15}{f-2}$
5. 13 divided by the sum of h and 1
6. $3 \overline{)c+18}$
7. $(h - 2) \div m$
8. $\frac{4-m}{n+11}$