



In algebra, we avoid using the division sign (\div) and instead

SOLVE THE

PROBLEMS

Example 1

Write the following algebraic expression as a fraction.

 $7 \div x$

Solution

Convert the divide sign into a fraction.

STRATEGIES TO

prefer to use fractions.

$$7 \div x$$

$$\downarrow$$

$$\frac{7}{x}$$

Example 2

Write the following algebraic expression as a fraction.

$$(x+7) \div y$$

Solution

As the x + 7 is in brackets, this whole expression forms part of the numerator.



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Example 3

Write the following algebraic expression as a fraction.

 $x + 7 \div y$

Solution

In this example, there are no brackets, so only the 7 becomes the numerator.





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MASTERY TEST	
Teacher's signature	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
I'VE COMPLETED	ELEBRATING PROGRESS This certificate is awarded to
LEVELS THIS YEAR	in
olutions to Essential Revi	sion
$1. \frac{1}{2}$	2. $\frac{11}{4}$
3. $3\frac{1}{4}$	$4.\frac{1}{3}$
5. $\frac{14}{3}$	$6. 2\frac{2}{5}$
$7. \frac{1}{4}$	8. $\frac{31}{6}$
9. $2\frac{2}{7}$	$10. \frac{1}{6}$
11. $\frac{16}{9}$	$\frac{12.4^2}{3}$
olutions to Questions	
1. $\frac{3x}{y}$	$\left\{2.\frac{xy}{2z}\right\}$
$3 \cdot \frac{a}{b+1}$	$4 \cdot \frac{2x+y}{7}$
5. $\frac{5x+y}{a-b}$	$6 \cdot \frac{9a}{b}$
7. $\frac{6xy}{5\pi}$	$\begin{cases} 8. \frac{x-y}{c} \end{cases}$
9. $3x + \frac{y}{z}$	$\frac{4x}{y} + 7$
11. $\frac{6gh}{i+5}$	$\begin{cases} 12. 2a - \frac{b}{v} \end{cases}$
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