Name	Date	Pd
TAITIC	Date	1 4

7.6 Proportions & Problem Solving with Rational Equations DAY TWO CYU

☑ Use when you get it right all by yourself

S Use when you did it all by yourself, but made a silly mistake

HUse when you could do it alone with a little help from teacher or peer

G Use when you completed the problem in a group

X Use when a question was attempted but wrong (get help)

NUse when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Converting words to equations	5, 6, 9, 10	1 - 4	7, 8
Vocabulary terms	5, 6, 9, 10	1 - 4	7, 8
Solving Literal Equations (spiral review)	11		

Solve the following. Show the set up and then the work to earn full credit for the answer.

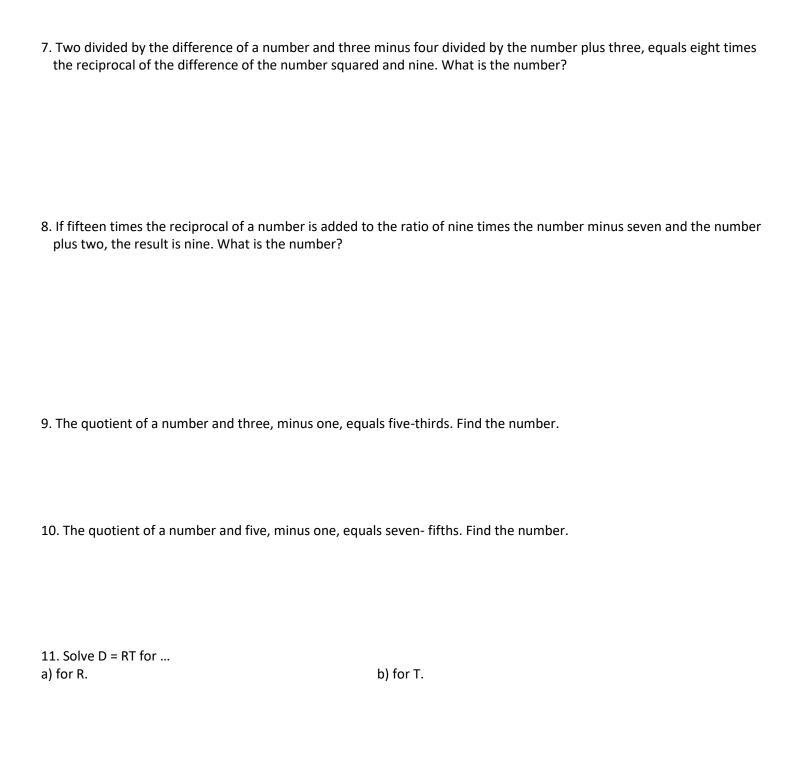
- 1. Three times the reciprocal of a number equals nine times the reciprocal of six. Find the number.
- 2. Twelve divided by the sum of x and two equals the quotient of four and the difference of x and two.

3. If twice a number added to three is divided by the number plus one, the result is three halves. Find the number.

4. A number added to the product of six and the reciprocal of the number equals negative five. Find the number.

5. One fourth equals the quotient of a number and eight. Find the number.

6. Four times a number added to five is divided by six. The result is seven-halves. Find the number.



CYU Reflection: How far can you go: basic, intermediate, or advanced?

Rate your mastery level!

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

