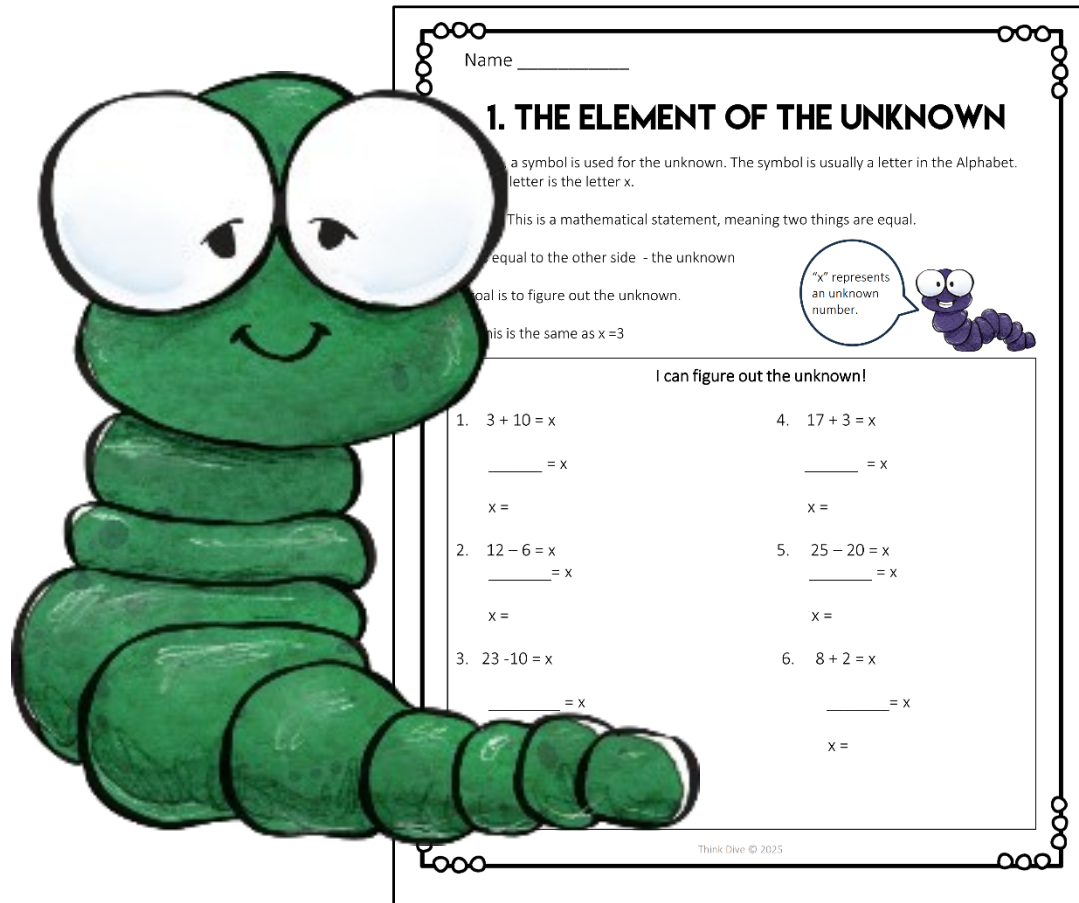


ALGEBRA METACOGNITION



**Basic Algebra
Problem & Algebra
Word Problems.
Metacognition –
Reflection.**

Color

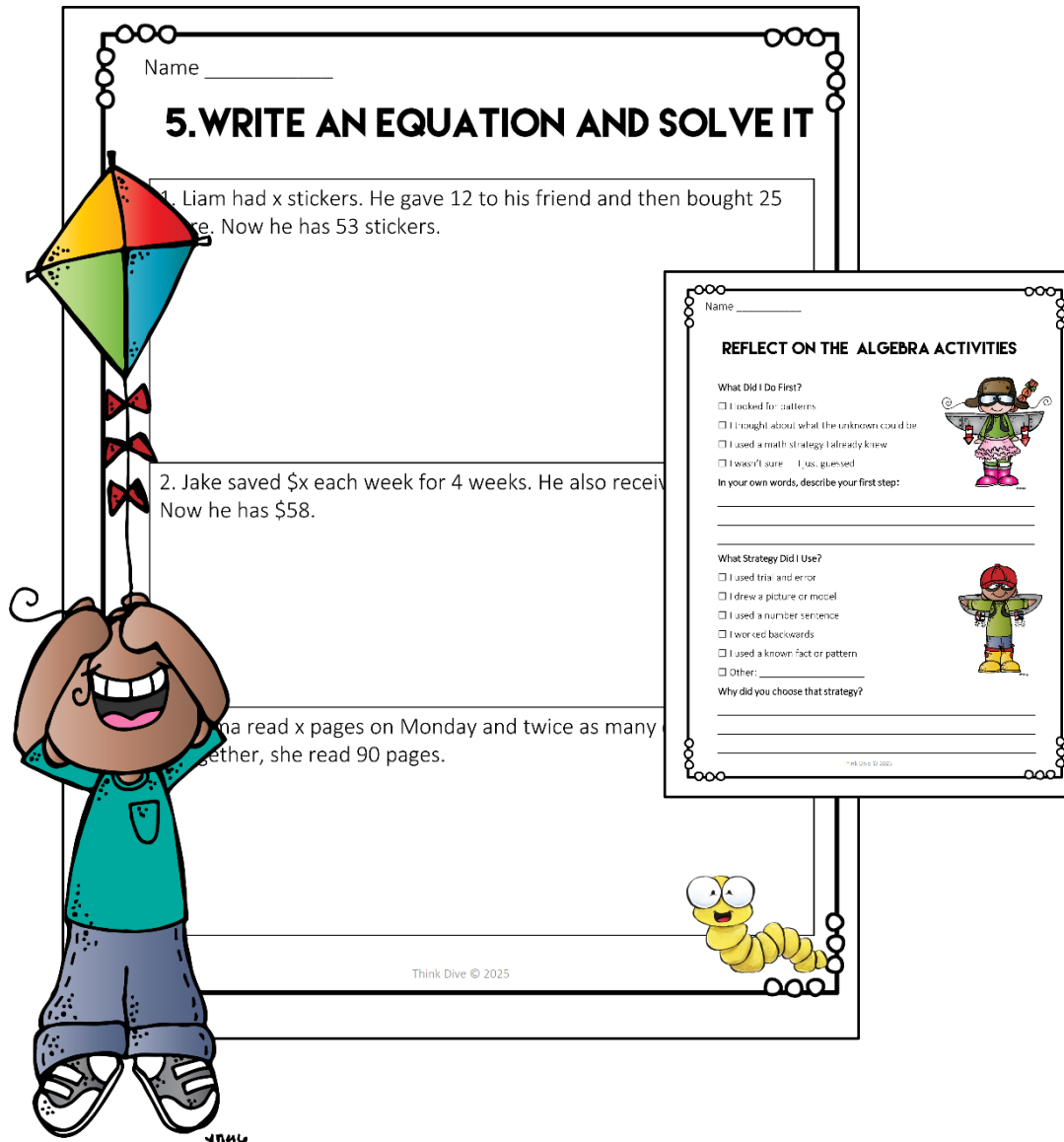
WHAT'S INCLUDED:

3 Pages with Algebra Problems

2 Pages with Algebra word problems.

2 Metacognition – Reflection Worksheets

Answers



Ways to Use

Algebra Units Centers Early Finishers Independent Work

Name _____

2. THE ELEMENT OF THE UNKNOWN

In algebra, a symbol is used for the unknown. The symbol is usually a Letter in the Alphabet.

$1 + 5 = t$ This is a mathematical statement, meaning two things are equal.

$1 + 5$ is equal to the other side - the unknown

The goal is to figure out the unknown.

$6 = t$ This is the same as $t = 6$

Any letter can represent an unknown number.

I can figure out the unknown!

1. $33 + 10 = y$ _____ = y y =	4. $29 + 3 = m$ _____ = m m =
2. $11 - 7 = n$ _____ = n n =	5. $50 - 20 = t$ _____ = t t =
3. $40 + 10 = s$ _____ = s s =	6. $48 + 1 = x$ _____ = x x =

Think Dive © 2025

Name _____

THE ELEMENT OF THE UNKNOWN

A symbol is used for the unknown. The symbol is usually a Letter in the Alphabet.

$1 + 5 = t$ This is a mathematical statement, meaning two things are equal.

$1 + 5$ is equal to the other side, which is 6

The goal is to figure out the unknown.

Algebra is like a puzzle!

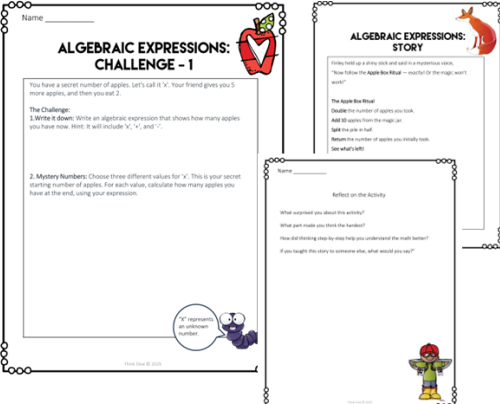
I can figure out the unknown

1. $2 = 15$ _____ = 15 _____ = 15	5. $3 \times c = 18$ c =
2. $7 = 10$ _____ = 10 _____ = 10	6. $8 \times t = 72$ t =
3. $a = 12$ _____ = 12 _____ = 12	7. $b \times 7 = 42$ b =
4. $4 = 7$ _____ = 7 _____ = 7	8. $r / 5 = 4$ r =

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You may like these resources!

EXPLORE ALGEBRAIC EXPRESSIONS

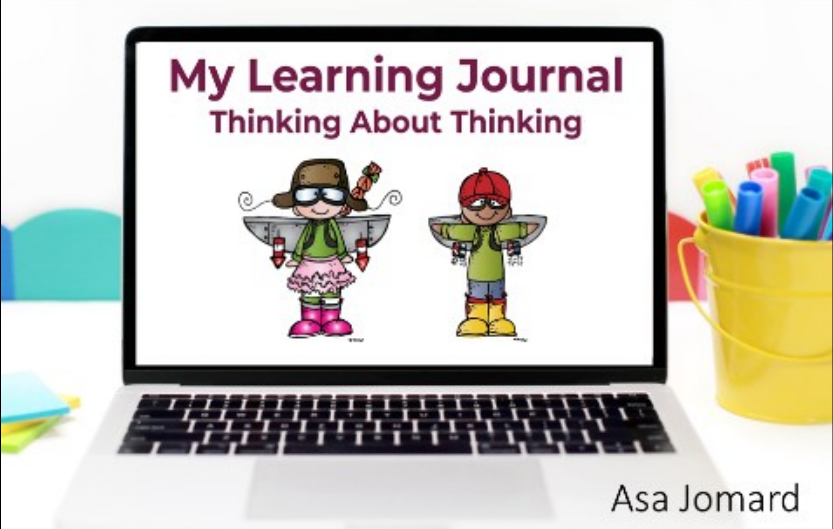


The worksheet is divided into two main sections. The left section, 'ALGEBRAIC EXPRESSIONS: CHALLENGE - 1', includes a 'Name' field, a problem about apples, and a 'Mystery Numbers' challenge. The right section, 'ALGEBRAIC EXPRESSIONS: STORY', includes a 'Name' field, a story about a magic apple, and a 'Reflect on the Activity' section. A blue caterpillar character is on the right, and a small robot is at the bottom right.

**MATH
CHALLENGES
GRADE 4**

Asa Jomard

CREATIVE & THINKING JOURNAL GOOGLE CLASSROOM™



The image shows a laptop screen with the title 'My Learning Journal Thinking About Thinking' and two cartoon characters. To the right of the laptop is a yellow bucket filled with colorful markers. The background is a light blue and white gradient.

Asa Jomard

You find me at



THINK DIVE - SPARKING CHILDRENS THINKIBILITY



BIOMIMICRY FOR YOUNG CHILDREN



TEACHER PAY TEACHER



PINTEREST



BIOMIMICRY FOR YOUNG CHILDREN

Name _____

4. WRITE AN EQUATION AND SOLVE IT

1. Sarah had some apples. She bought 6 more and now has 14.

Equation:
Solution:

2. Mike had 18 marbles. He gave some to his friend and now has 10.

Equation:
Solution:

3. A

Equation:
Solution:

4. Jenny shared _____ friends.

Equation:
Solution:

