

YEAR 5

Australian Curriculum
V9.0 **Outcome AC9M5A01**

AC9M5A01

UNDERSTANDING INVERSE OPERATIONS

TRUE OR false

PROBLEM CARDS

Inverse operations are opposite operations – one reverses the other	2×3 is the inverse of 3×2
9×3 is the inverse of $27 \div 3$	Multiplication and division are inverse operations
Division and subtraction are inverse operations	Understanding that $3 \times 3 = 9$, helps us calculate $9 \div 3$
Understanding that $8 \times 2 = 16$, helps us calculate $16 - 2$	Addition and multiplication are inverse operations

MULTIPLICATION AND
DIVISION AS INVERSE
OPERATIONS

Keep scrolling to see
what's included!

ARE YOU LOOKING FOR ENGAGING, CURRICULUM-ALIGNED ACTIVITIES FOR TEACHING MULTIPLICATION & DIVISION AS INVERSE OPERATIONS?



Includes **SIX** engaging activities
for outcome **AC9M 5A01**



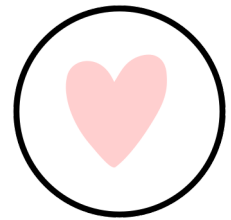
Activities **range in difficulty** from
simple to challenging concepts



No prep needed, simply
print and go!

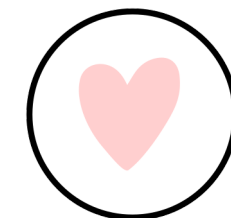


WHAT'S INCLUDED?

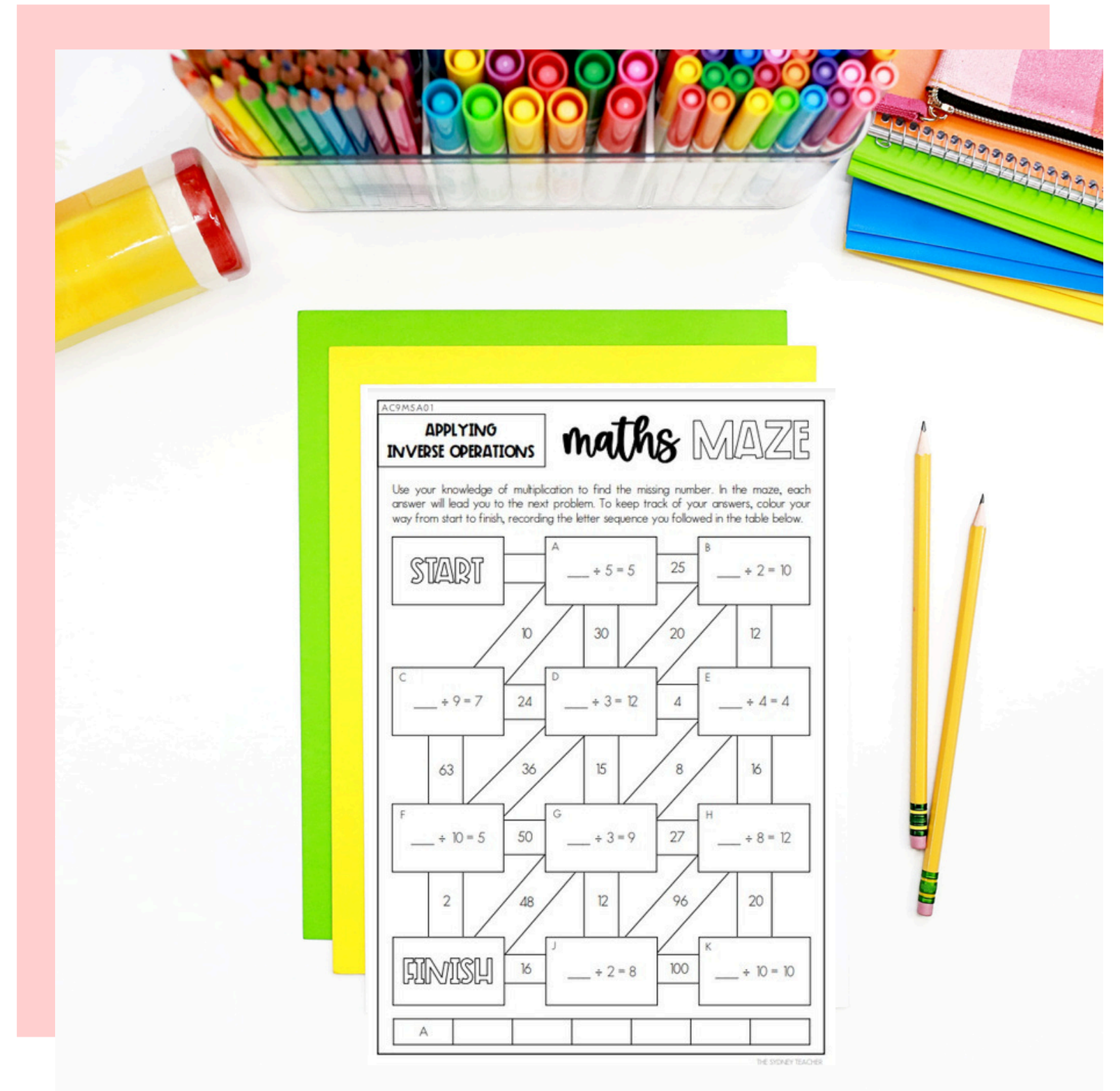


SIX Australian Curriculum (V9.0) aligned games and worksheets:

- + True or False
- + Maths Match
- + Super Sort
- + Maths Maze
- + Would You Rather?
- + Thinker's Keys



Answer key for teachers



INCLUDES THESE AND MORE!

AC9M5A01

INVERSE OPERATIONS

WOULD YOU rather...

Read the word problems then colour option B. Explain your thinking behind

WOULD YOU RATHER...

OPTIONS

A Have \$100 and divide it e 4 friends **OR**

B Ask each of your 4 friends

A Earn \$5 every day, f **OR**

B Earn \$70 over a peri

A Buy 5 hot chocolates th **OR**

B Spend \$20 and receive

AC9M5A01

APPLYING INVERSE OPERATIONS

MATHS match

PROBLEM CARD

Use your knowledge of division to find the missing number:

$$_ \times 3 = 36$$

G

Use your knowledge of division to find the missing number:

$$_ \times 10 = 100$$

H

Use your knowledge of division to find the missing number:

$$_ \times 11 = 11$$

Use your knowledge of division to find the missing number:

$$_ \times 7 = 77$$

AC9M5A01

INVERSE OPERATIONS

THINKER'S keys

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THE ALPHABET KEY

List as many words as you can from A to Z that relate to factors, multiples and divisibility

THE DISNEY TEACHER

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THE ANSWER KEY

The answer is: 100

Create a fact family showing all inverse operation pairs that match

THE DISNEY TEACHER

AC9M5A01

THE BRAINSTORMING KEY

Brainstorm all the real life situations where you would need an understanding of inverse operations

THE DISNEY TEACHER

AC9M5A01

THE VARIATIONS KEY

If $A \times B - C = 50$

What might be the values of A, B and C?

Think of at least 10 variations

THE DISNEY TEACHER

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THE CONSTRUCTION KEY

Create a match up game for inverse operations

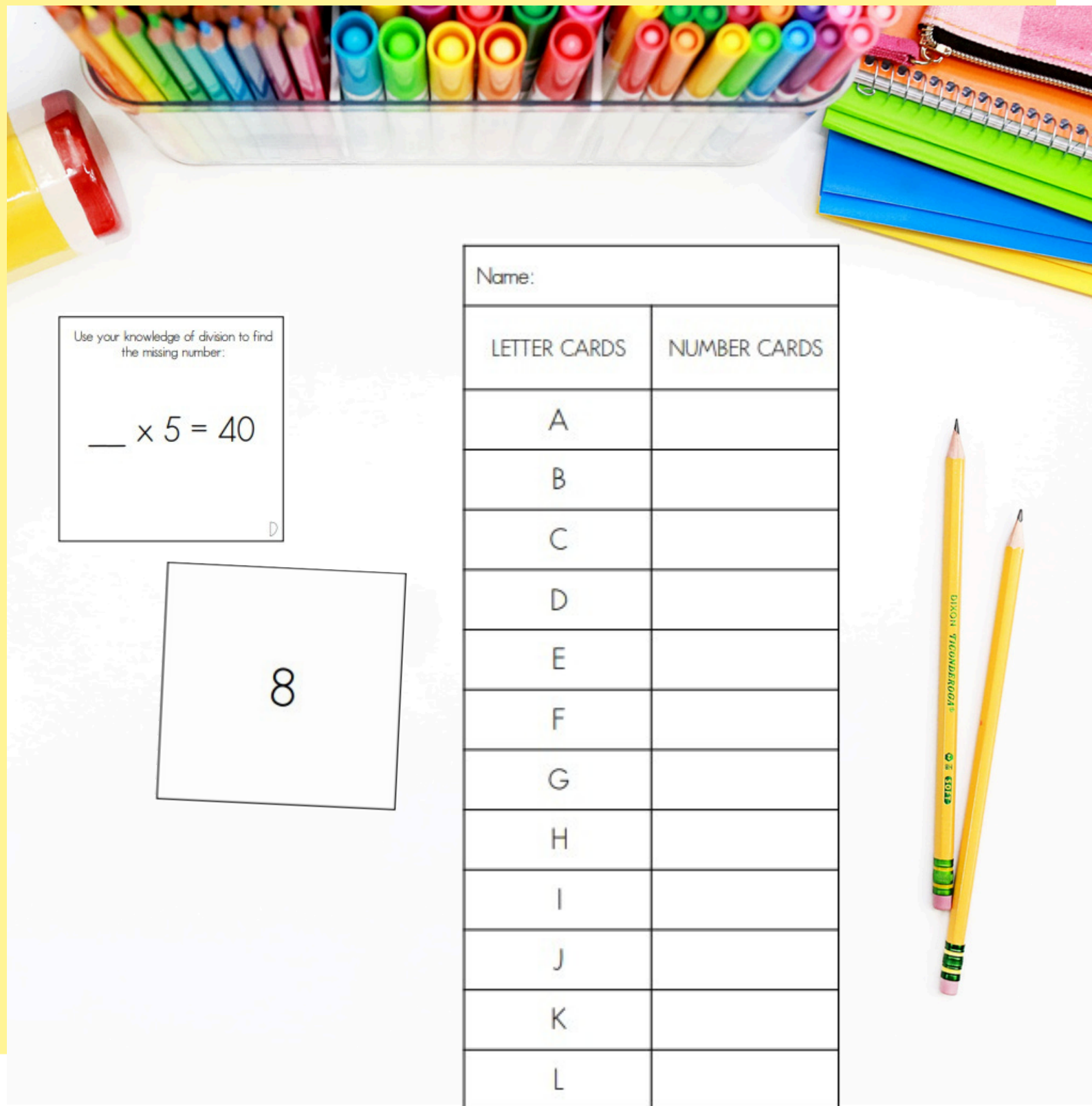
AC9M5A01

THE INTERPRETATIONS KEY

THE SYDNEY TEACHER

Student believes that the inverse of 3×4 , is $12 - 3$

WHY THIS RESOURCE?



- 1 All 6 activities are aligned to the new Australian Curriculum (V9.0)
- 2 Activities are interactive, hands-on and FUN!
- 3 Purchasing this pack means there is NO planning required for outcome AC9M5A01
- 4 No prep, just print and go!

DID YOU KNOW?

I have activity packs for **ALL** Year 5 Number and Algebra Outcomes!

MULTIPLICATION & DIVISION AS INVERSE OPERATIONS
YEAR 5 ACTIVITY PACK

AC9M5A01

FIND UNKNOWN VALUES IN EQUATIONS
YEAR 5 ACTIVITY PACK

AC9M5A02

INTERPRET, COMPARE & ORDER DECIMALS
YEAR 5 ACTIVITY PACK

AC9M5N01

FACTORS, MULTIPLES & DIVISIBILITY
YEAR 5 ACTIVITY PACK

AC9M5N02

COMPARE & ORDER FRACTIONS
YEAR 5 ACTIVITY PACK

AC9M5N03

FRACTIONS, DECIMALS & PERCENTAGES
YEAR 5 ACTIVITY PACK

AC9M5N04

ADD & SUBTRACT FRACTIONS
YEAR 5 ACTIVITY PACK

AC9M5N05

MULTIPLICATION PROBLEM SOLVING
YEAR 5 ACTIVITY PACK

AC9M5N06

DIVISION PROBLEM SOLVING
YEAR 5 ACTIVITY PACK

AC9M5N07

CHECK & EXPLAIN THE REASONABLENESS OF SOLUTIONS
YEAR 5 ACTIVITY PACK

AC9M5N08

MATHEMATICS PROBLEM SOLVING
YEAR 5 ACTIVITY PACK

AC9M5N09

USE ALGORITHMS TO EXPERIMENT WITH FACTORS, MULTIPLES & DIVISIBILITY
YEAR 5 ACTIVITY PACK

AC9M5N10

LOOKING FOR MORE?



This **MEGA bundle** contains SIX activities for every single outcome in the Year 5 Mathematics Curriculum - that's over **140 activities!**

YEAR 5
MATHS ACTIVITY
MEGA BUNDLE

YEAR 5
NUMBER & ALGEBRA
ACTIVITY BUNDLE
THE SYDNEY TEACHER

YEAR 5
MEASUREMENT & SPACE
ACTIVITY BUNDLE
THE SYDNEY TEACHER

YEAR 5
STATISTICS & PROBABILITY
ACTIVITY BUNDLE
THE SYDNEY TEACHER

140+ ACTIVITIES