

YEAR 6

Australian Curriculum

V9.0 Outcome AC9M6N01

AC9M6N01

NEGATIVE INTEGERS ON A NUMBER LINE

maths MAZE

Find the missing integer in each number line. In the maze, each answer will lead you to the next problem. To keep track of your answers, colour your way from start to finish, recording the letter sequence you followed in the table below.

START

A: $\leftarrow -2 \quad \square \quad 0 \quad 1 \rightarrow$ (connected to START by 3)

B: $\leftarrow 5 \quad 10 \quad \square \quad 20 \rightarrow$ (connected to A by 15)

C: $\leftarrow -5 \quad -4 \quad \square \quad -2 \rightarrow$ (connected to A by -1)

D: $\leftarrow -1 \quad \square \quad 1 \quad 2 \rightarrow$ (connected to A by -3)

E: $\leftarrow -5 \quad -2 \quad \square \quad 4 \rightarrow$ (connected to A by 1)

F: $\leftarrow -3 \quad -2 \quad \square \quad 0 \rightarrow$ (connected to C by 3)

G: $\leftarrow -12 \quad -10 \quad \square \quad -6 \rightarrow$ (connected to C by -3)

H: $\leftarrow -4 \quad -2 \quad 0 \quad \square \rightarrow$ (connected to D by -8)

I: $\leftarrow -7 \quad \square \quad 0 \quad \square \rightarrow$ (connected to D by -2)

J: $\leftarrow -3 \quad \square \quad 1 \quad 3 \rightarrow$ (connected to E by 1)

K: $\leftarrow \square \quad 10 \quad 20 \quad 30 \rightarrow$ (connected to E by 15)

FINISH

A							
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UNDERSTANDING
NEGATIVE
INTEGERS

Keep scrolling to see
what's included!

ARE YOU LOOKING FOR ENGAGING, CURRICULUM-ALIGNED ACTIVITIES FOR TEACHING **NEGATIVE INTEGERS**?



Includes **SIX** engaging activities
for outcome **AC9M6N01**



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



No prep needed, simply
print and go!

AC9M6N01

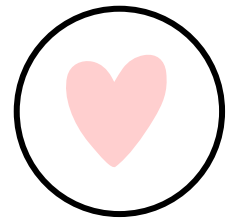
**COMPARING
NEGATIVE INTEGERS**

**WOULD YOU
rather...**

Read the word problems then colour the box to show if you would rather option A or option B. Explain your thinking behind each decision.

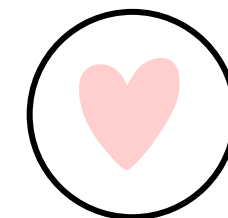
	OPTIONS	WHY?
A	Have a holiday in -10 degree weather?	
	OR	
B	Have a holiday in 20 degree weather?	
A	Have -\$100 in your bank account?	
	OR	
B	Have \$45 in your bank account?	
A	Have a debt of -\$400?	
	OR	
B	Have a debt of -\$320?	

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

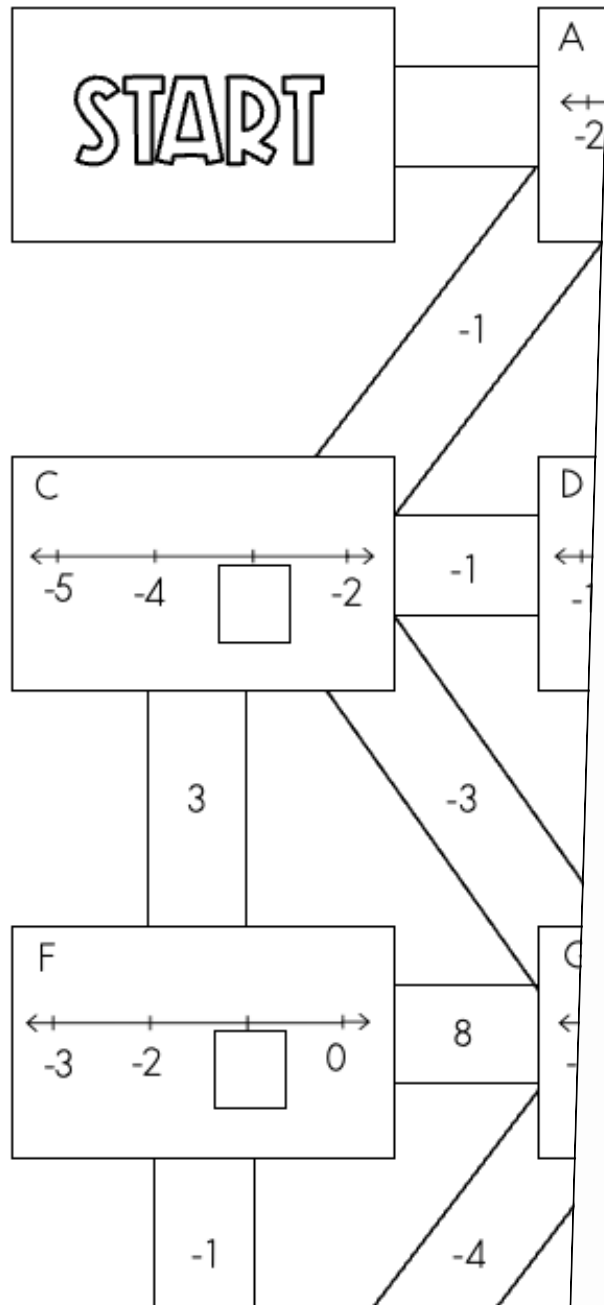


INCLUDES THESE AND MORE!

AC9M6N01

NEGATIVE INTEGERS ON A NUMBER LINE

Find the missing integer in each number line. To keep track of your progress, record the letter sequence you follow.



maths MAZE

AC9M6N01

COMPARING NEGATIVE INTEGERS

WOULD YOU rather...

Read the word problems then colour the box to show if you would rather option A or option B. Explain your thinking behind each decision.

YOU RATHER...

OPTIONS	WHY?
Have a holiday in -10 degree weather? A <input type="checkbox"/> OR <input type="checkbox"/> B	
Have a holiday in 20 degree weather? B <input type="checkbox"/> OR <input type="checkbox"/> A	
Have -\$100 in your bank account? A <input type="checkbox"/> OR <input type="checkbox"/> B	
Have \$45 in your bank account? B <input type="checkbox"/> OR <input type="checkbox"/> A	

AC9M6N01

UNDERSTANDING NEGATIVE INTEGERS

TRUE OR false

Cut out the problem cards and sort them according to whether they are true or false. Before gluing them, arrange the cards in each column in alphabetical order.

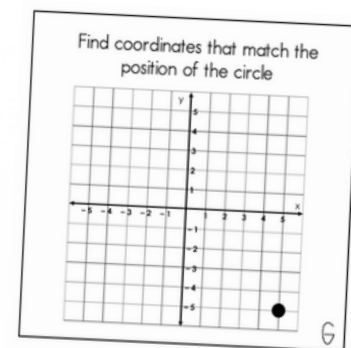
TRUE	FALSE
	$-3 > 2$ A
The missing integer is -3 F	

WHY THIS RESOURCE?



Find the cartesian plane that shows a circle in the following position

$(5,-5)$



Name:	
CARTESIAN CARDS	COORDINATE CARDS
A	
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	
L	



- 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 AC9M6N01
- 4 No prep, just print and go!

DID YOU KNOW?

I have activity packs for **ALL** Year 6 Number and Algebra Outcomes!

UNDERSTANDING NEGATIVE INTEGERS YEAR 6 ACTIVITY PACK

AC9M6N01

PRIME, COMPOSITE & SQUARE NUMBERS YEAR 6 ACTIVITY PACK

PRIME	COMPOSITE
5	27
13	

AC9M6N02

COMPARE, ORDER & REPRESENT FRACTIONS YEAR 6 ACTIVITY PACK

FRACIONS ON A NUMBER LINE	
$\frac{1}{2}$	$\frac{1}{3}$
$\frac{1}{4}$	$\frac{1}{5}$

AC9M6N03

ADD & SUBTRACT DECIMALS YEAR 6 ACTIVITY PACK

ADD DECIMALS	SUBTRACT DECIMALS
$14.9 + 2.3 = 27.2$	$4.5 + 6.7 = 12$

AC9M6N04

ADD & SUBTRACT FRACTIONS YEAR 6 ACTIVITY PACK

ADD FRACTIONS	SUBTRACT FRACTIONS
$\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$	$\frac{1}{2} - \frac{1}{3} = \frac{1}{6}$

AC9M6N05

MULTIPLY & DIVIDE BY POWERS OF 10 YEAR 6 ACTIVITY PACK

MULTIPLY & DIVIDE BY POWERS OF 10	
$10 \times 100 = 1000$	$1000 \div 10 = 100$

AC9M6N06

FRACTIONS, DECIMALS & PERCENTAGES OF A QUANTITY YEAR 6 ACTIVITY PACK

FRACTIONS	DECIMALS	PERCENTAGES
$\frac{1}{2}$	0.5	50%
$\frac{1}{3}$	0.33	33%

AC9M6N07

APPROXIMATE NUMERICAL SOLUTIONS YEAR 6 ACTIVITY PACK

APPROXIMATE NUMERICAL SOLUTIONS	
$100 \times 10 = 1000$	$1000 \div 10 = 100$

AC9M6N08

MATHEMATICAL MODELLING TO SOLVE PROBLEMS YEAR 6 ACTIVITY PACK

MATHEMATICAL MODELLING TO SOLVE PROBLEMS	
$100 \times 10 = 1000$	$1000 \div 10 = 100$

AC9M6N09

RECOGNISE & USE RULES FOR NUMBER PATTERNS YEAR 6 ACTIVITY PACK

RECOGNISE & USE RULES FOR NUMBER PATTERNS	
Pattern: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100	Rule: $n \times 2$

AC9M6A01

FIND UNKNOWN VALUES IN EQUATIONS YEAR 6 ACTIVITY PACK

FIND UNKNOWN VALUES IN EQUATIONS	
$9 \times 2 + \square = 24$	$2 + 3 \times (4 - 6) = 3 \times 4 - 6$

AC9M6A02

GENERATE & EXPLAIN NUMBER PATTERNS YEAR 6 ACTIVITY PACK

GENERATE & EXPLAIN NUMBER PATTERNS	
Pattern: 50, 40, 30, 20, 10, 0, -10, -20, -30, -40, -50	Rule: $n - 10$

AC9M6A03

WANT NUMBER AND ALGEBRA
ACTIVITIES FOR THE WHOLE YEAR?

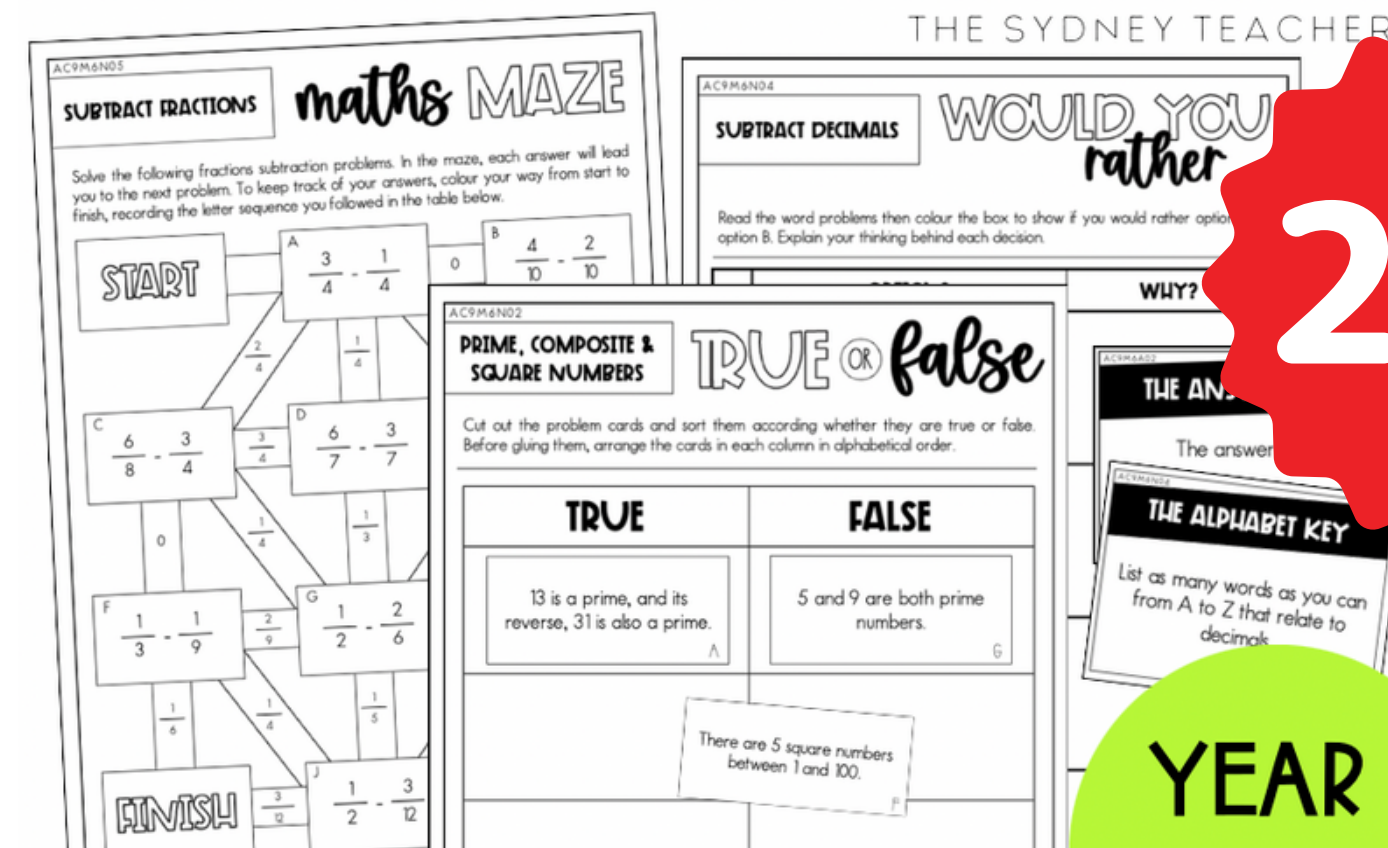


NUMBER & ALGEBRA MEGA BUNDLE



Purchase all 12
outcomes for the
Year 6 Number &
Algebra Strand and

SAVE 20%



**20%
OFF**

**YEAR
6**

COVERS ALL V9.0 OUTCOMES