

A decorative horizontal border featuring a repeating pattern of pink five-petaled flowers and green eucalyptus-like leaves on thin brown stems, set against a white background.

solve the mystery

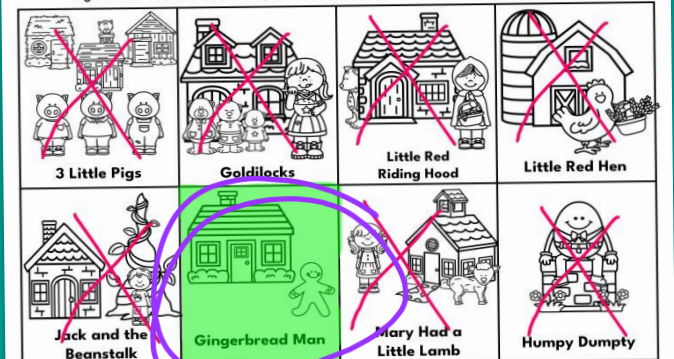


THE LIFETIME LEARNER

The Case of the Missing Princess

Where is the Princess Hiding?

Figure out whose house the princess is hiding at right now by solving each clue.



Name _____

LIFETIME LEARNER

Students complete a series of clues to figure out where the missing princess is!

HOW TO PLAY

What Happened?

The princess has disappeared! You need to figure out which fairytale character in the kingdom she is hiding with. Help figure out which character the princess is hiding with by solving clues.

1. Take a list of characters and then start solving each clue.
2. Each time you solve a clue, you will get closer to discovering where the princess is hiding.
3. Cross out wrong characters each time you find out new information. Good luck!



THE LIFETIME LEARNER

Clue #1: Picture Decoder

Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.



62,836 218,999 370,604 118,764 101,976 425,243 68,900 350,982 329,238

Answers: 101976 218999 68900 329238 118764 62836 370604 350982 425243
3,642x28 5,093x43 2,756x25 8,442x39 6,598x18 1,366x46 7,127x52 9,486x37 4,673x91

Letters: B E A N S T A L K

The princess is hiding somewhere with NO...



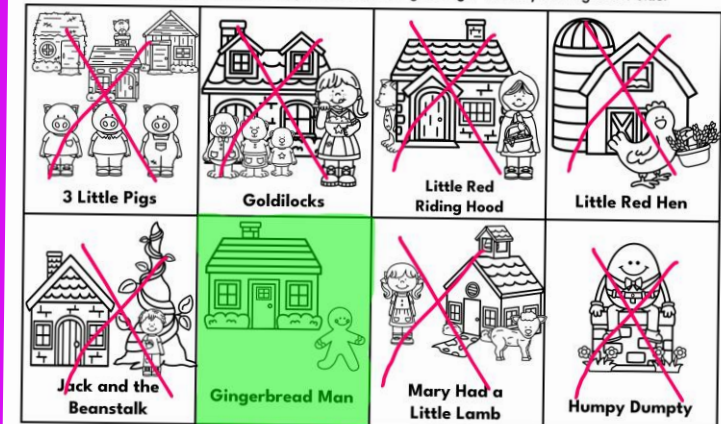
Use this decoder to help you figure out what letter is equal to each picture.

A =	G =	M =	S =	Y =
B =	H =	N =	T =	Z =
C =	I =	O =	U =	
D =	J =	P =	V =	
E =	K =	Q =	W =	
F =	L =	R =	X =	

THE LIFETIME LEARNER

Where is the Princess Hiding?

Figure out whose house the princess is hiding at right now by solving each clue.



Name: _____

THE LIFETIME LEARNER

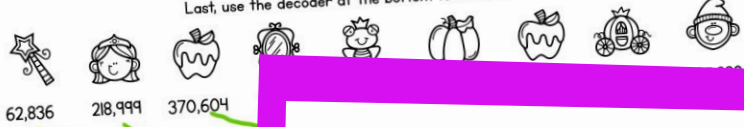
Each time students solve a clue, it will reveal what place to cross out.

When all clues are completed, the mystery of the missing princess will be solved!

SKILL PRACTICE

Clue #1: Picture Decoder

Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.



Answers: $\frac{101976}{3,642 \times 28}$ $\frac{218999}{5,093 \times 43}$ $\frac{68}{2,7}$

Letters: B E

The princess is hiding somewhere with NO...

Use this decoder to help you figure out what letter is equal to each picture.

Clue #2: Error Analysis

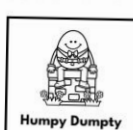
Check each character's work. Put a check or an X next to each answer.



Little Red Riding Hood



Gingerbread Man



Humpy Dumpty

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> $25 \times 1,459 = 36,475$ | <input checked="" type="checkbox"/> $19 \times 5,123 = 97,337$ | <input checked="" type="checkbox"/> $72 \times 4,326 = 311,473$ |
| <input checked="" type="checkbox"/> $12 \times 6,327 = 75,924$ | <input checked="" type="checkbox"/> $56 \times 2,687 = 150,471$ | <input checked="" type="checkbox"/> $35 \times 8,347 = 292,145$ |
| <input checked="" type="checkbox"/> $73 \times 5,322 = 388,560$ | <input checked="" type="checkbox"/> $33 \times 8,329 = 274,857$ | <input checked="" type="checkbox"/> $29 \times 6,442 = 186,818$ |
| <input checked="" type="checkbox"/> $41 \times 3,746 = 153,586$ | <input checked="" type="checkbox"/> $49 \times 7,674 = 376,062$ | <input checked="" type="checkbox"/> $98 \times 5,398 = 529,040$ |

The princess is not hiding with the character with the most correct answers.

THE LIFETIME LEARNER

Clue #3: Detective Report

princesses lived in a castle. The youngest princess was bored, so she went down to
horses. She picked out a horse with

spots and climbed on his back to

berries. She saw

squirrel

got home, she gave

berries

The king and queen were very happy with

princess went to bed smiling, excited to

M=91,675 L=95,433
G=369,748 U=419,198
H=618,566 N=134,748
R=464,194 I=248,296
A=203,870

- 2 by 4 Digit Multiplication
- Real-Life Mathematics
- Fairy Tale-Themed
- Error Analysis Practice

All clues focus on reviewing 5th grade skills!

MULTIPLE VERSIONS

Print & Digital Forms

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each character's work. Put a check or an X next to each answer.

Clue #3: Detective Report
Once upon a time, $41 \times 6,056$ princesses lived in a castle. The youngest princess was bored, so she went down to the stables to see her $91,675$ horses. She picked out a horse with $74 \times 8,359$ spots and climbed on his back to ride. That $34,974$ squirrel and rabbit $14,348$ berries to her mother. The princess was very happy with $95,433$ eating, excited to go on $2,381$ $495,433$ $419,198$ $134,748$ $R=464,194$ $I=248,296$ $A=203,870$

3 Clue Version

Figure out each answer. Then, use the decoder to figure out the clue.

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each character's work. Put a check or an X next to each answer.

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Once upon a time, $41 \times 6,056$ princesses lived in a castle. The youngest princess was bored, so she went down to the stables to see her $91,675$ horses. She picked out a horse with $74 \times 8,359$ spots and climbed on his back to ride. That $34,974$ squirrel and rabbit $14,348$ berries to her mother. The princess was very happy with $95,433$ eating, excited to go on $2,381$ $495,433$ $419,198$ $134,748$ $R=464,194$ $I=248,296$ $A=203,870$

Clue #4: The Queen's Castle
Put the correct answer in each box. Then, read what to do at the bottom.

Clue #5: Fill in the Blank
Solve each problem. Write the answer. Then, write the word that goes with it. When you are done, read the words in order from top to bottom in each row to figure out the clue.

5 Clue Version

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

62,836 218,999 370,604 118,764 101,976 425,243 68,900 350,982 329,238

Answers: $101,976$ $218,999$ $68,900$ $329,238$ $118,764$ $62,836$ $370,604$ $350,982$ $329,238$

Letters: **B E A N S I A**

The princess is hiding somewhere with NO...

Use this decoder to help you figure out what letter is equal to each picture.

A = G = M = S = Y =
B = H = N = T = Z =
C = I = O = U =
D = J = P = V =
E = K = Q = W =
F = L = R = X =

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

62,836 218,999 370,604 118,764 101,976 425,243 68,900 350,982 329,238

Answers: $101,976$ $218,999$ $68,900$ $329,238$ $118,764$ $62,836$ $370,604$ $350,982$ $329,238$

Letters: **B**

The princess is hiding somewhere with NO...









Use this decoder to help you figure out what letter is equal to each picture.

A = G = M = S = Y =
B = H = N = T = Z =
C = I = O = U =
D = J = P = V =
E = K = Q = W =
F = L = R = X =

Short & Long Options

2 MATH FACT OPTIONS!

Where is the Princess Hiding?
Figure out whose house the princess is hiding at right now by solving each clue.

 3 Little Pigs	 Goldilocks	 Little Red Riding Hood	 Little Red Hen
 Jack and the Beanstalk	 Gingerbread Man	 Mary Had a Little Lamb	 Humpty Dumpty

Name: _____

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Answers: $13 \div 4 = 3$, $18 \div 6 = 3$, $8 \div 2 = 4$, $19 \div 5 = 3$, $20 \div 4 = 5$, $14 \div 2 = 7$, $15 \div 3 = 5$

Letters: B E A N S I A L

The princess is hiding somewhere with NO...
Use this decoder to help you figure out what letter is equal to each picture.

Clue #2: Error Analysis
Check each character's work. Put a check or an X next to each answer.

Little Red Riding Hood: $13 - 8 = 6$ (X), $19 - 5 = 14$ (check), $8 - 4 = 3$ (X), $16 - 4 = 12$ (check)

Gingerbread Man: $19 - 8 = 10$ (X), $7 - 2 = 5$ (check), $16 - 5 = 9$ (X), $14 - 3 = 11$ (check)

Humpty Dumpty: $15 - 7 = 8$ (check), $11 - 1 = 2$ (X), $14 - 4 = 9$ (X), $20 - 6 = 13$ (X)

Clue #3: Detective Report
Once upon a time, $5 + 5 = 10$ princesses lived in a castle. The youngest princess was bored, so she went down to the stables to see her $6 + 7 = 13$ horses. She picked out a horse with $10 + 9 = 19$ spots and climbed on his back to ride. That afternoon, she rode to the Spring Forest and picked $4 + 8 = 12$ berries. She saw $3 + 2 = 5$ squirrels in the forest and said hello to both of them. When the princess got home, she gave $15 + 1 = 16$ berries to her mother, the queen, and $9 + 9 = 18$ berries to her father, the king. The king and queen were very happy with the princess and ate $3 + 4 = 7$ of them for dessert that night. The little princess went to bed smiling, excited to start new adventures.

The princess is not hiding with a:

M=13	L=5
G=12	U=18
H=19	N=16
	I=10

Clue #4: The Queen's Castle
Put the correct answer in each box. Then, read what to do at the bottom.

$5 \div 3 = 1$ B	$50 \div 10 = 5$ L	$36 \div 6 = 6$ S
$63 \div 7 = 9$ T	$27 \div 9 = 3$ A	$18 \div 2 = 9$ L
$56 \div 8 = 7$ I	$40 \div 5 = 8$ R	$28 \div 4 = 7$ T
$30 \div 3 = 10$ E	$7 \div 7 = 1$ D	$40 \div 10 = 4$ G

The princess is not hiding with someone.
"Little"

Clue #5: Fill in the Blank
Solve each problem. Write the answer. Then, write the word that goes with it. When you are done, read the words in order from top to bottom in each row to figure out the clue.

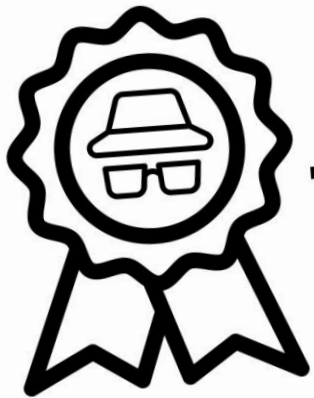
$10 \div 2 = 5$ The	$5 \times 10 = 50$ hiding	$40 \div 4 = 10$ who
$8 \times 9 = 72$ princess	$81 \div 9 = 9$ with	$6 \times 7 = 42$ has
$56 \div 8 = 7$ is	$3 \times 8 = 24$ someone	$8 \div 8 = 1$ frosting

Same clues. Same mystery. Different math!

Use the add/subtract facts to 20 mystery or the multiplication/division facts 1-12 mystery!

FAST FINISHER ACTIVITY

The Detective Agency sends
congratulations to:



Lindsay

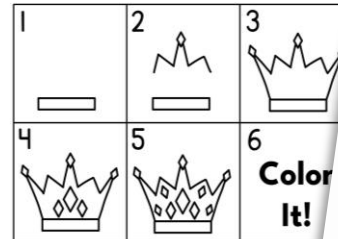
You solved the mystery!

11/2
Date

AW
Presented by:

LET'S DRAW...

a crown



THE LIFETIME LEARNER

LET'S DRAW...

a queen

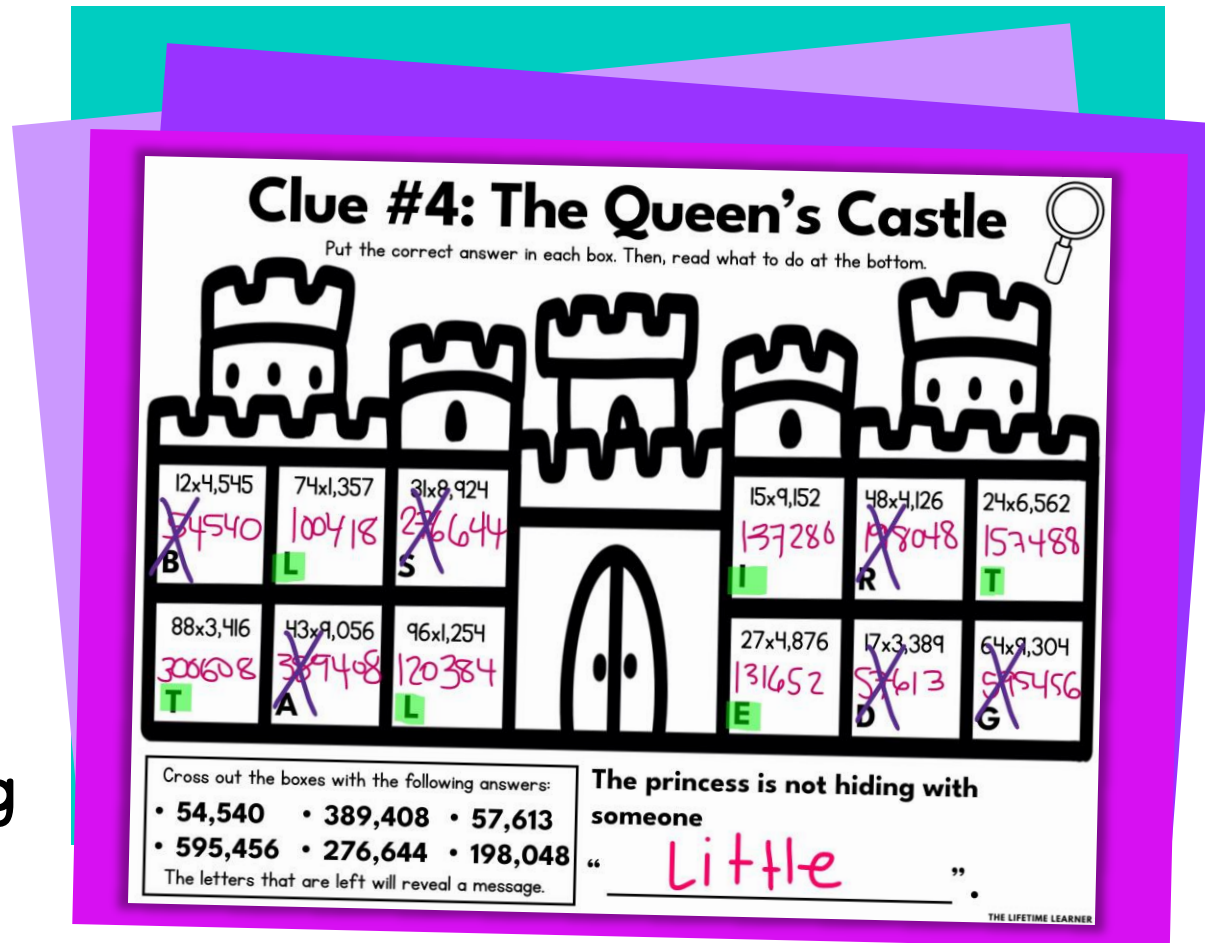


THE LIFETIME LEARNER

If students finish early,
give them a
certificate of completion
and a directed drawing
to complete while others
continue working.

MATH MYSTERY BENEFITS

- No Prep
- Print and Digital Versions
- 3 & 5 Clue Options
- Extra Math Facts Mystery
- Fun and Engaging
- Easy to Differentiate
- Encourages Critical Thinking
- Aligns with Math Standards
- Perfect for Review Days



In 5th grade, this works well in small groups or in partners.

WHY TEACHERS LOVE THESE!

Ordinary math worksheets can be boring and unoriginal.

You want activities that are fun and engaging, but also rigorous and meaningful to student learning.

MATH MYSTERIES ARE EXACTLY WHAT YOU'VE BEEN LOOKING FOR!

Clue #1: Picture Decoder
Write the answer on each line. Then, draw a line to each match.
Last, use the decoder at the bottom to solve the clue.

Clue #2: Error Analysis
Check each character's work. Put a check or an X next to each answer.

Clue #3: Detective Report
3 more than 71 princesses lived in a castle. The youngest princess was bored, so she went down to the garden.

Clue #4: The Queen's Castle
Put the correct answer in each box. Then, read what to do at the bottom.

Clue #5: Fill in the Blank

191,052	73,409	62,803	59,742	36,785	15,670
112,984	170,425	23,903	145,673	57,942	22,185
119,295	201,341	99,736	72,654	66,265	90,090

Answer: Word: 18x3,319 59742 The 29x6,588 91052 hiding 27x2,146 59942 who

25x6,817 170425 princess 14x7,124 99736 with 13x4,831 62803 has

17x1,305 22185 is 33x3,615 17295 someone 29x2,285 66265 Frosting

Solve each problem. Write the answer. Then, write the word that goes with it. When you are done, read the words in order from top to bottom in each row to figure out the clue.

The Detective Agency sends congratulations to:

Lindsay

You solved the mystery!

11/2 Date SW Presented by:

LET'S DRAW...
a crown

1 2 3
4 5 6 Color It!

LET'S DRAW...
a queen

1 2 3
4 5 6

Where is the Princess Hiding?

Figure out whose house the princess is hiding at right now by solving each clue.

3 Little Pigs	Gingerbread Man	Little Red Riding Hood	Little Red Hen
Jack and the Beanstalk	Gingerbread Man	Mary Had a Little Lamb	Humpty Dumpty

Name: _____

**solve the
mystery**



The Case of the Missing Princess

WHAT MAKES MATH MYSTERIES UNIQUE?

Math Mysteries aren't just a copy of Reading Mysteries!

They have brand-new clues, focus on math skills, and even feature a different conclusion to the mystery.

The only thing that stays the same is the list of suspects students start with!

So, if you have both, students can play during math and then again during reading for double the fun.


Reading

Example
of Clue 1

Math

Clue #1: Find It!

Read the nouns in each box. Keep the antonym pairs. Cross out the synonym pairs. Read the words you circled from left to right like a book to solve the clue.










 princess hero	prince cloak cape	not castle cottage	can treasure gold
	has spell magic	brick king servant	stick curse cure
up sword blade	straw prince princess	down wizard sorcerer	egg forest woods

Write the phrase on the line. Use the hint to cross the wrong place off your list.

princess not near brick stick straw

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






















Draw lines connecting the numbers to the math problems below:

62,836 to 3,642x28
218,999 to 5,093x43
370,604 to 2,756x25
118,764 to 8,442x39
101,976 to 6,598x18
425,243 to 1,366x46
68,900 to 7,127x52
350,982 to 9,486x37
329,238 to 4,673x91

BEANS TALK

The princess is hiding somewhere with NO...

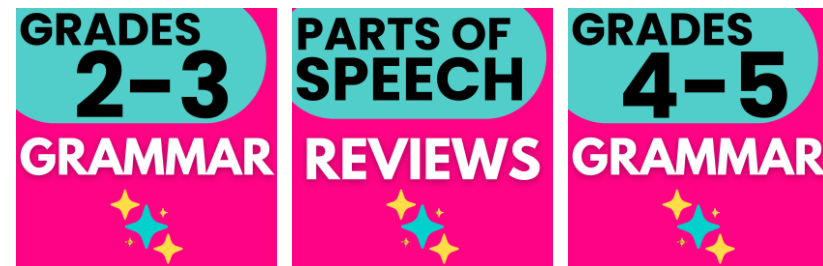
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B = 	H = 	N = 	T = 	Z = 
C = 	I = 	O = 	U = 	
D = 	J = 	P = 	V = 	
E = 	K = 	Q = 	W = 	
F = 	L = 	R = 	X = 	

KEEP THE FUN GOING!

GRAB A **READING MYSTERY**:

Reading mysteries aren't just a copy of math. They come with fresh clues, unique reading challenges, and a new culprit, so students are solving an entirely different case!



MORE **MATH MYSTERIES**:

Explore other grade levels to differentiate and keep every student engaged.



BUY A BUNDLE
TO **SAVE BIG!**

