FOR THE KIDS PRESENTS

MATH LEGENDS

THE CLASSROOM CHALLENGE

8 student missions | Teacher guide | Answer key

Grades 1-3 | Print-and-go learning

BIG STORIES. LITTLE LEGENDS.

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TEACHER START HERE

A flexible, fun math mini-unit

FTK

GOAL

Practice foundational number sense and problem solving.

WHO

Grades 1-3; choose tasks that fit your learners.

TIME

8 missions at 10-20 minutes each; use over 1-2 weeks.

MATERIALS

Pencils, crayons, counters, and optional play coins.

HOW TO PLAY

Complete missions in any order. Award one star per mission.

DIFFERENTIATE

Offer number lines or manipulatives; extend with explanations.

ASSESS

Use the answer key and note strategies, not just accuracy.

Suggested sequence: number power -> patterns -> shopping -> story problems -> finale.

MISSION 1: NUMBER POWER

Addition and subtraction | Earn your first star!

FTK

NAME: _____ DATE: _____

1. **8 + 7 = _____**
2. **16 - 9 = _____**
3. **14 + 5 = _____**
4. **23 - 8 = _____**
5. **27 + 12 = _____**
6. **40 - 17 = _____**
7. **36 + 9 = _____**
8. **52 - 26 = _____**

BONUS: Choose one problem. Show how you solved it.

MISSION 2: PATTERN DETECTIVE

Fill in the missing numbers.

NAME: _____ DATE: _____

1. **2, 4, 6, __, __, 12**

2. **5, 10, 15, __, __, 30**

3. **30, 27, 24, __, __, 15**

4. **11, 13, 15, __, __, 21**

5. **100, 90, 80, __, __, 50**

6. **3, 6, 9, __, __, 18**

CREATE YOUR OWN PATTERN:

MISSION 3: THE SNACK SHOP

Add prices. Write the total.

FTK

NAME: _____ DATE: _____

PRICE LIST

Apple 25 cents

Juice 40 cents

Popcorn 35 cents

Banana 20 cents

1. Apple + banana = _____ cents

2. Juice + popcorn = _____ cents

3. Two apples = _____ cents

4. You have $1. Buy juice and banana. Change = _____ cents

BONUS: Invent a snack that costs 15 cents. What can you buy with $1?

MISSION 4: STORY PROBLEM HERO

Read, solve, and show your thinking.

FTK

NAME: _____ DATE: _____

1. A class has 18 crayons. The teacher adds 7 more. How many crayons now?

Answer: _____

2. Maya has 32 stickers. She gives 14 to her friend. How many remain?

Answer: _____

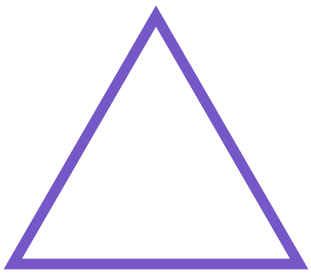
3. Four tables each have 5 pencils. How many pencils are there?

Answer: _____

MISSION 5: SHAPE CITY

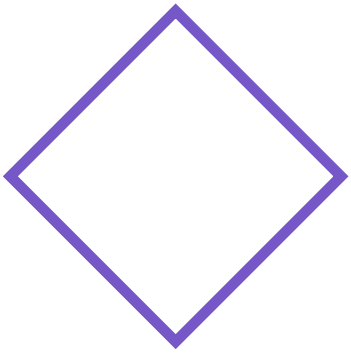
Count sides and name each shape.

NAME: _____ DATE: _____



Shape: _____

Sides: _____



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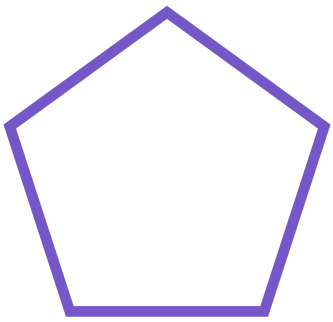
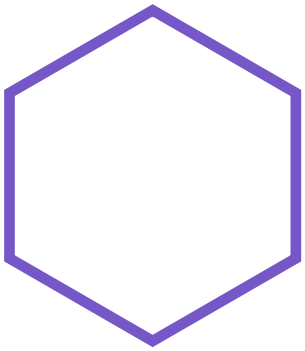


Shape: _____

Sides: _____



Shape: _____

Sides: _____

MISSION 6: MATH MYSTERY

Solve each clue. Write the secret code.

NAME: _____ DATE: _____

1. **7 + 6 = _____ Code letter: A**

2. **20 - 8 = _____ Code letter: T**

3. **9 + 9 = _____ Code letter: M**

4. **30 - 16 = _____ Code letter: H**

Put the letters in this order: 18, 13, 14, 12

SECRET WORD: ___ ___ ___ ___

CHALLENGE: Write a math clue whose answer is 10.

MISSION 7: REAL-WORLD MATH

Use math to plan a class celebration.

FTK

NAME: _____ DATE: _____

1. There are 24 students. Each table seats 6. How many tables?

2. Each student gets 2 pencils. How many pencils total?

3. There are 30 balloons and 9 pop. How many remain?

4. The party starts at 2:00 and ends at 3:00. How long is it?

MISSION 8: LEGEND FINALE

Solve the mixed-math challenge!

FTK

NAME: _____ DATE: _____

1. 15 + 16 = _____

2. 42 - 19 = _____

3. Skip-count: 4, 8, 12, __, __

4. How many sides do two triangles have in all? _____

5. A toy costs 65 cents. You pay $1. Change? _____

6. Write your own addition problem with answer 20.

MY LEGEND SUPERPOWER IS: _____

MATH LEGEND CERTIFICATE

Celebrate effort, strategies, and growth!

FTK

CERTIFICATE OF AWESOME MATH

Presented to

_____

for completing the Math Legends missions

and showing courageous math thinking!

_____ _____

Teacher signature Date

ANSWER KEY: MISSIONS 1-4

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MISSION 1

1) 15 2) 7 3) 19 4) 15 5) 39 6) 23 7) 45 8) 26

MISSION 2

1) 8,10 2) 20,25 3) 21,18 4) 17,19 5) 70,60 6) 12,15

MISSION 3

1) 45c 2) 75c 3) 50c 4) 40c

MISSION 4

1) 25 crayons 2) 18 stickers 3) 20 pencils

ANSWER KEY: MISSIONS 5-8

For teacher use

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MISSION 5

Triangle 3; square 4; pentagon 5; hexagon 6.

MISSION 6

13=A, 12=T, 18=M, 14=H; code 18,13,14,12 = MATH.

MISSION 7

1) 4 tables 2) 48 pencils 3) 21 balloons 4) 1 hour

MISSION 8

1) 31 2) 23 3) 16,20 4) 6 sides 5) 35c 6) Varies.

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