

WELCOME!

I'm so glad you're here!

Hi there! My name is Aly, but my favorite people call me Ms. Franklin! I am a middle school resource room teacher in Michigan. I spend my time teaching special education math intervention classes, cotaught math intervention classes, and coteaching 6th, 7th, and 8th grade math classes!

My goal with creating Middle School in the Mitten was to share engaging and time saving resources and ideas with busy, world changing teachers like you! All of the activities that are found in my Teachers Pay Teachers store were created for and used with my own students. In fact, I began my TPT journey in 2017, when I shared my first few sets of digital task cards that I was creating for my caseload students!

Thank you for joining my email list, where I will share time saving tech tricks, engaging resources, and blog posts! I can't stand spam in my inbox, so I promise to only send you emails that are truly worthwhile!

If you have any questions, please feel free to send me an email at middleschoolinthemitten@gmail.com, and I will try my best to help!

- Aly

AREA OF MIXED POLYGONS MAZE

what's included

Thanks so much for joining my email list! All of the activities that are found in my Teachers Pay Teachers store were created for and used with my own students. I created this maze to serve as independent practice for the area of polygons unit in cotaught 6th grade math classes, but it has many uses as homework, test prep, group work, etc.

To complete the activity, students start where the maze says "start". The students identify the shape and find its area according to the correct formula. Students follow the correct answer to the next problem, coloring in their route as they go. Students will end up solving all of the problems on the page, giving them great practice with finding the area of mixed polygons! All problems include a mix of quadrilaterals, triangles, and trapezoids and result in whole number answers.

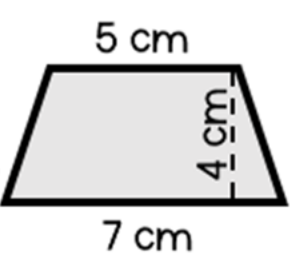
Included in this resource:

- Area of Polygons Maze
- Answer Key
- Suggestions for additional resources that will complement these activities and engage your students.
- Terms of Use for Middle School in the Mitten Resources

AREA OF POLYGONS MAZE

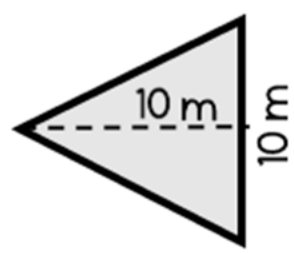
NAME: _____
DATE: _____

START!



5 cm
7 cm
4 cm

33

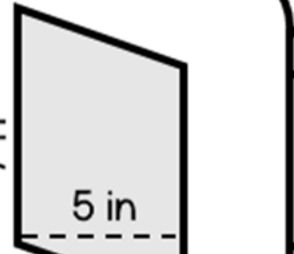


10 m
10 m

50


FINISH LINE!

24



7 ft
5 in

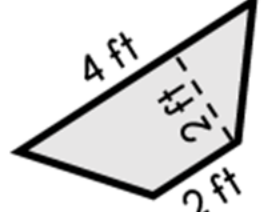
30



8 in

6

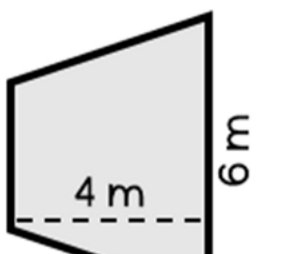
110



4 ft
2 ft
2 ft

15

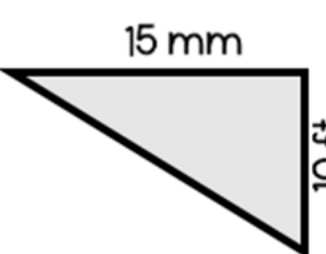
64



3 m
4 m
6 m

15


35



15 mm
10 ft

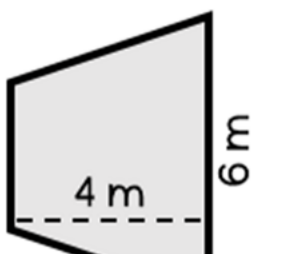
9

30



9 in
2 in

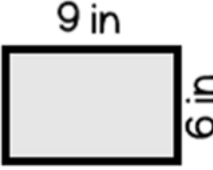
22



3 m
4 m
6 m


12

75



9 in
6 in

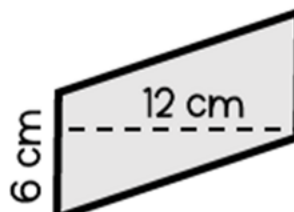
45



10 ft
7 ft

99

72



6 cm
12 cm

35

54

18

70

AREA OF POLYGONS MAZE

NAME:
DATE:

START!

FINISH LINE!

The maze contains the following polygons and their areas:

- Start:** Trapezoid with top base 5 cm, bottom base 7 cm, and height 4 cm. Area: 33.
- Top-Left:** Parallelogram with base 7 ft and height 5 in. Area: 24.
- Top-Middle:** Triangle with base 10 m and height 10 m. Area: 110.
- Top-Right:** Triangle with base 4 ft and height 2 ft. Area: 50.
- Middle-Left:** Triangle with base 15 mm and height 10 ft. Area: 35.
- Middle-Middle:** Square with side length 8 in. Area: 30.
- Middle-Right:** Triangle with base 2 ft and height 2 ft. Area: 6.
- Bottom-Left:** Square with side length 9 in. Area: 75.
- Bottom-Middle:** Trapezoid with top base 3 m, bottom base 6 m, and height 4 m. Area: 18.
- Bottom-Right:** Triangle with base 9 in and height 2 in. Area: 9.
- Bottom-Left (Start):** Square with side length 6 in. Area: 54.
- Bottom-Middle (Start):** Triangle with base 7 ft and height 10 ft. Area: 70.
- Bottom-Right (Start):** Trapezoid with top base 6 cm and bottom base 12 cm, with height 6 cm. Area: 35.

The correct path from Start to Finish is highlighted in pink and consists of the following areas: 54, 75, 18, 35, 30, 64, 6, and 15.

OTHER RESOURCES YOU'LL LOVE!

There are so many engaging ways to practice equation skills! Click on the covers below to check out some of my students' favorites!

BACK TO SCHOOL TEAM BUILDING
INTERACTIVE PDF & GOOGLE SLIDES GAME SET FOR MIDDLE/HIGH SCHOOLERS

LET'S PLAY SOME GAMES!
 Click on the game you'd like to play!

RANDOM QUESTIONS		WOULD YOU RATHER?
ONE WORD	HEAD SCRATCHERS	FAST FAVORITES
PUT A FINGER DOWN		

MIX & MATCH TO CUSTOMIZE AND USE ALL YEAR LONG!

6TH GRADE MATH ESCAPE ROOM WORKSHEETS
50+ ESCAPE ROOM STYLE CHALLENGES!

CONVERSIONS
 ORDER OF OPERATIONS
 UNIT RATES
 ADD & SUBTRACT DECIMALS
 INTEGERS ON A NUMBER LINE

AREA OF QUADRILATERALS DIGITAL TASK CARDS

FIND THE AREA OF THE QUADRILATERAL. TYPE YOUR ANSWER IN THE BOX.

AREA OF QUADRILATERALS

AREA = 55 in²

AREA OF TRIANGLES DIGITAL TASK CARDS

FIND THE AREA OF THE TRIANGLE. TYPE YOUR ANSWER IN THE BOX.

AREA OF TRIANGLES

AREA = 24 cm²

$(B \cdot H) \div 2$

AREA OF TRAPEZOIDS DIGITAL TASK CARDS

FIND THE AREA OF THE TRAPEZOID. TYPE YOUR ANSWER IN THE BOX.

AREA OF TRAPEZOIDS

AREA = 42 cm²

$H(B_1 + B_2) \div 2$

AREA OF TRAPEZOIDS
 Corny Joke Practice Worksheets

Name: _____ Date: _____

AREA OF TRAPEZOIDS

Find the area of each trapezoid. After you have found your answer, write the letter from each problem above the base or the bottom of the shape that has the same area. After you do it, check to see if you will reveal the answer to the joke below!

WHAT DO YOU CALL A BEAR WITH NO TEETH?

MITTEN

AREA OF TRIANGLES
 Corny Joke Practice Worksheets

Name: _____ Date: _____

AREA OF TRIANGLES

Find the area of each triangle. After you have found your answer, write the letter from each problem above the base or the bottom of the shape that has the same area. After you do it, check to see if you will reveal the answer to the joke below!

WHAT DO YOU CALL A FUNNY MOUNTAIN?

MITTEN

THANK YOU!

Thank you so much for your support! I hope you find this resource useful in your classroom! Please remember to leave feedback to earn TpT credits which can be used towards future purchases. Follow me on TpT to be notified when new resources are added! If you have questions or concerns, please email me at MiddleSchoolintheMitten@gmail.com.



- aly franklin

Thank you for respecting my work!

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