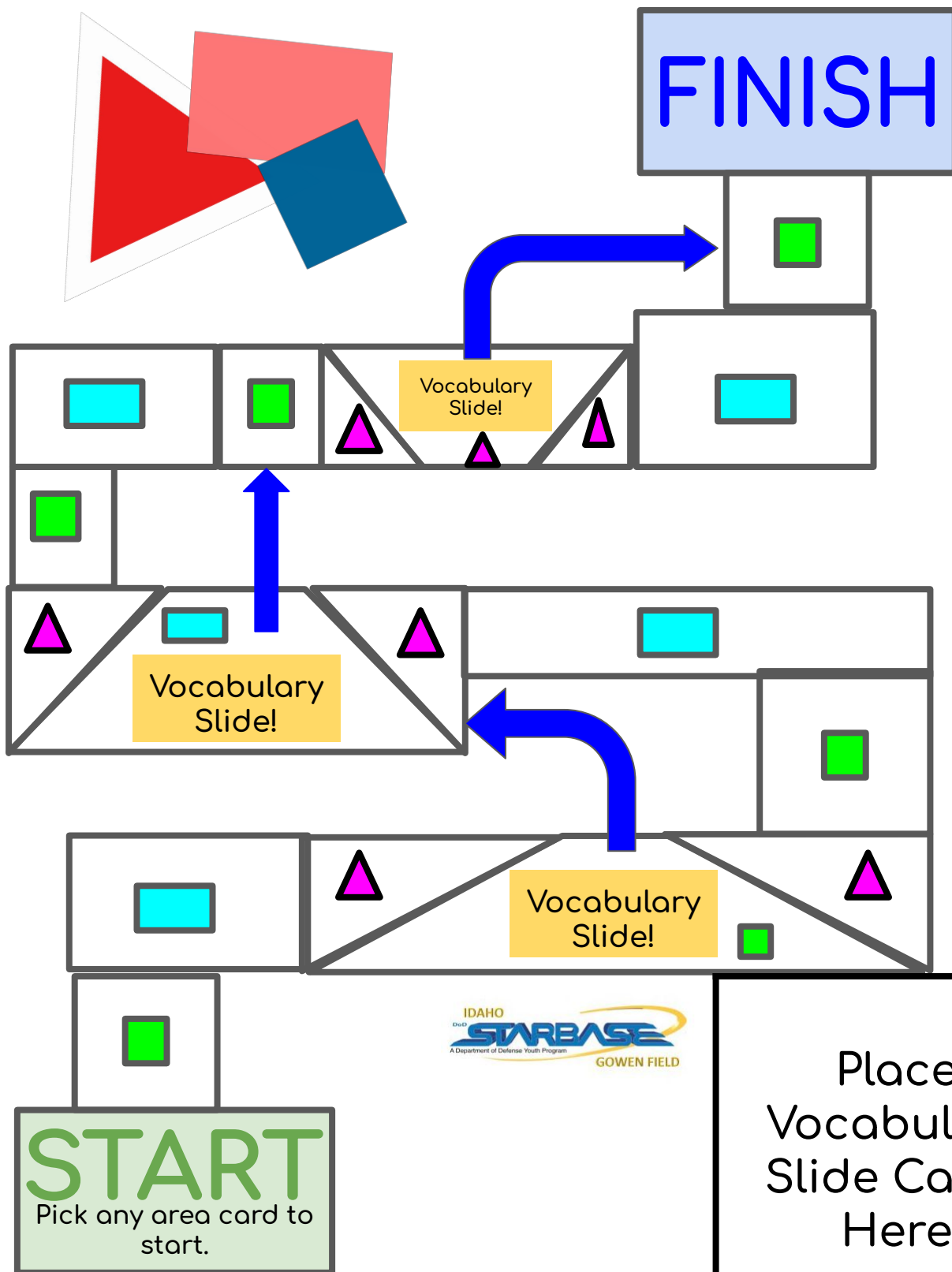


Shapes and Slides



Shapes and Slides Rules

Players: 2-4

Materials: Game board, three different sets of 12 Area Cards (Rectangle, Square, and Triangle), 12 Vocabulary Slide Cards, Rules Page, and Answer Key.

Needed: A place marker for each player, scratch paper and a pencil for each player.

Set-up: Separate each card type and mix the individual piles. Place the area piles along side the game board and the vocabulary cards in the space indicated.

How to Play: The game begins with each player on the "START" space. On your first turn, you can choose any type of Area Card. If you are able to correctly find the area of the shape on the card, move ahead as many spaces as indicated on the card. Once you are off of the "START" space, you must start each turn by drawing an Area Card that matches the shape in the space that your game piece is on. For example, if you are on a square space, start your turn by drawing a Square Area Card. If you are able to find the area of the square on that card, move ahead the number of spaces it says on the card. If you are incorrect, you will have another chance on your next turn with a new card.

If at any time you land on a "Vocabulary Slide" space, immediately draw a Vocabulary Slide Card. If you are able to identify a shape that fits the definition given on the card, you get to move ahead on the slide (the arrow on that space). If you get the problem wrong, stay at the space you are on. On your next turn, take a card that matches whatever shape is on that space.

You can check your opponent's answers using the answer key.

First person to reach the "FINISH" space wins the game! Have fun!

Answer Key

Rectangle Area Cards:

a. 36 ft^2	b. 50 cm^2	c. 189 cm^2	d. 280 cm^2
e. 175 cm^2	f. 18 in^2	g. 78 km^2	h. 336 ft^2
i. 14 yds^2	j. 144 m^2	k. 259 in^2	l. 190 mi^2

Triangle Area Cards:

a. 27 in^2	b. 14 cm^2	c. 30 m^2	d. 26 km^2
e. 72 m^2	f. 16 mi^2	g. 45 mi^2	h. 99 cm^2
i. 28 ft^2	j. 104 ft^2	k. 384 in^2	l. 15 yds^2

Square Area Cards:

a. 36 in^2	b. 25 cm^2	c. 144 in^2	d. 225 cm^2
e. 4 ft^2	f. 49 mi^2	g. 81 in^2	h. 121 yds^2
i. 100 m^2	j. 16 m^2	k. 196 km^2	l. 64 cm^2

Vocabulary Area Cards:

a. true	b. rectangle, quadrilateral, parallelogram	c. obtuse, scalene	d. acute, equilateral
e. square, rectangle, quadrilateral, parallelogram	f. Square= all sides equal, 90° angles. Parallelogram= opposite sides parallel, opposite angles equal.	g. quadrilateral parallelogram	h. acute, isosceles
i. No, because a triangle only has 180° and $90+90$ is already 180 .	j. trapezoid, quadrilateral	k. right, scalene	l. Tri means 3. Quad means 4.



Rectangle
Area Card



Rectangle
Area Card



Rectangle
Area Card



Rectangle
Area Card



Rectangle
Area Card



Rectangle
Area Card



Rectangle
Area Card



Rectangle
Area Card



Rectangle
Area Card



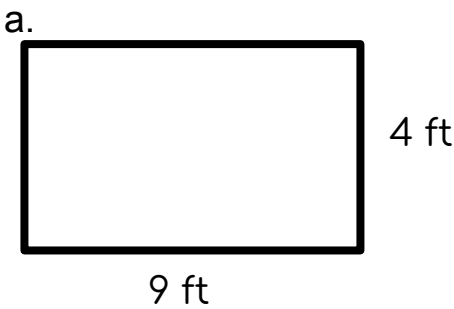
Rectangle
Area Card



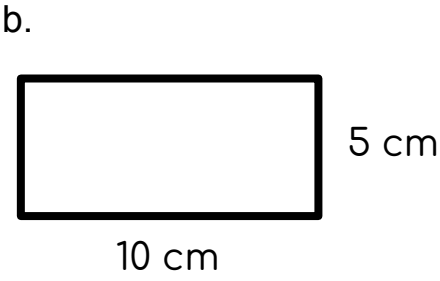
Rectangle
Area Card



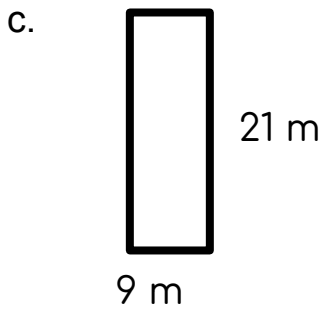
Rectangle
Area Card



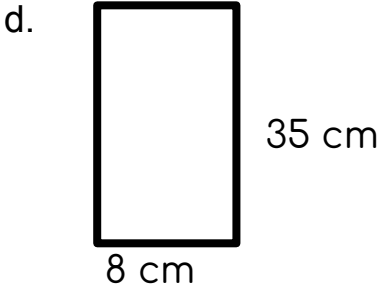
Find the area. If correct, move ahead **1** space.



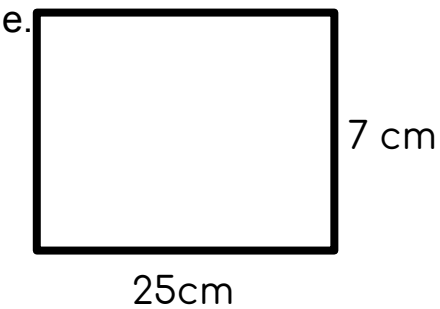
Find the area. If correct, move ahead **2** spaces.



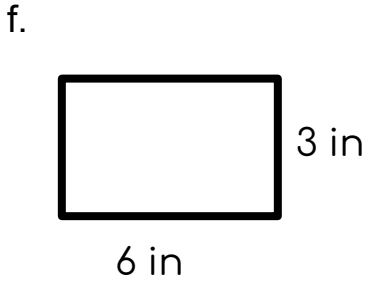
Find the area. If correct, move ahead **3** spaces.



Find the area. If correct, move ahead **3** spaces.



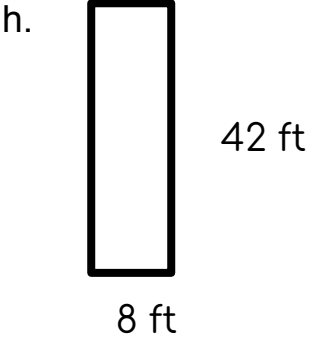
Find the area. If correct, move ahead **2** spaces.



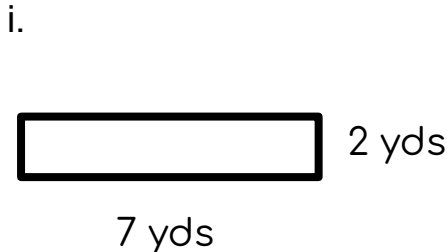
Find the area. If correct, move ahead **1** space.



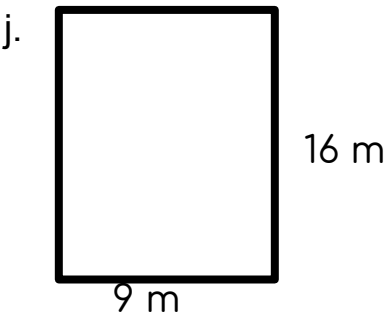
Find the area. If correct, move ahead **2** spaces.



Find the area. If correct, move ahead **3** spaces.



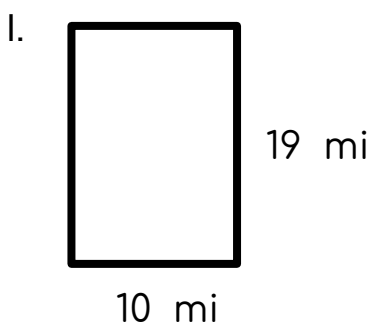
Find the area. If correct, move ahead **1** space.



Find the area. If correct, move ahead **2** spaces.



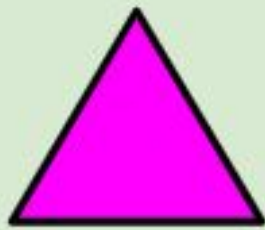
Find the area. If correct, move ahead **3** spaces.



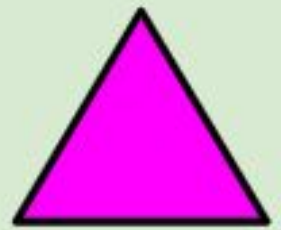
Find the area. If correct, move ahead **1** space.



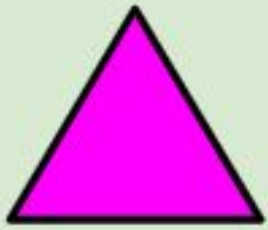
Triangle
Area Card



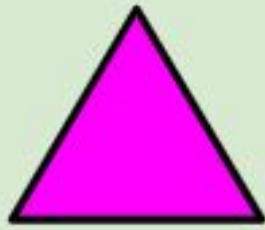
Triangle
Area Card



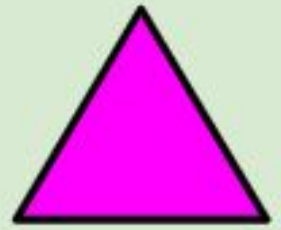
Triangle
Area Card



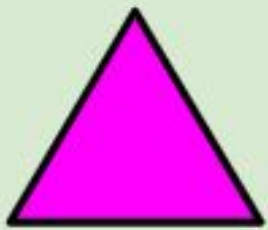
Triangle
Area Card



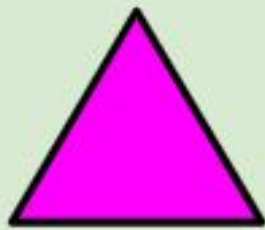
Triangle
Area Card



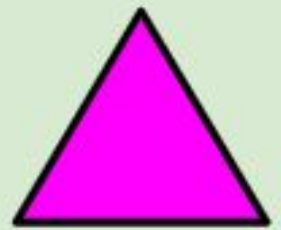
Triangle
Area Card



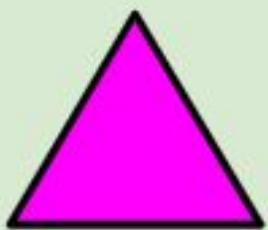
Triangle
Area Card



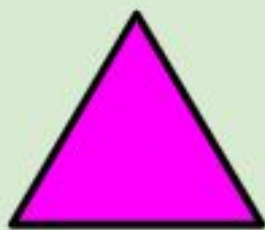
Triangle
Area Card



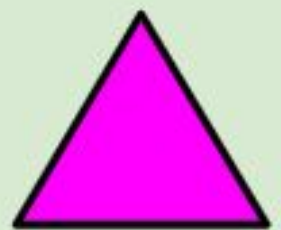
Triangle
Area Card



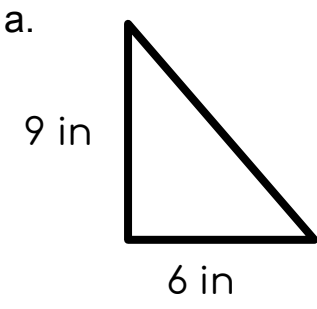
Triangle
Area Card



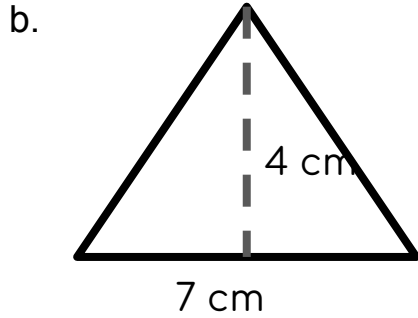
Triangle
Area Card



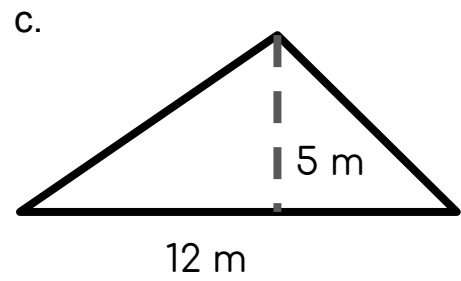
Triangle
Area Card



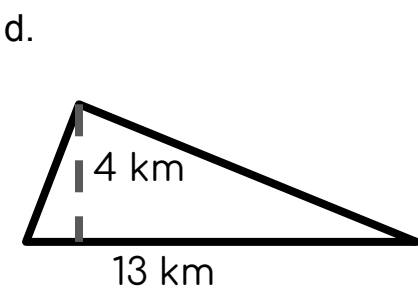
Find the area. If correct, move ahead **1** space.



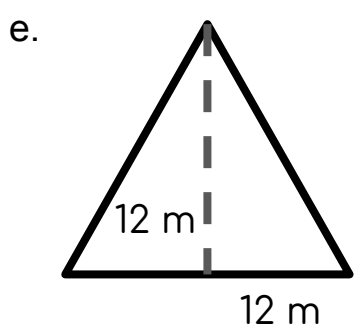
Find the area. If correct, move ahead **2** spaces.



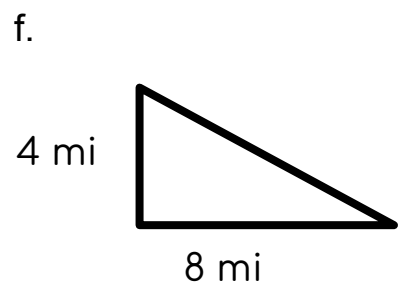
Find the area. If correct, move ahead **3** spaces.



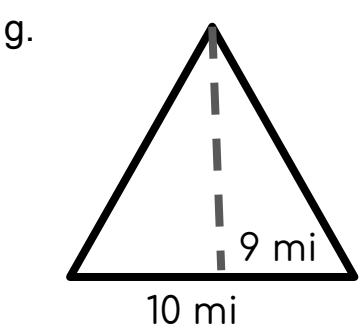
Find the area. If correct, move ahead **3** spaces.



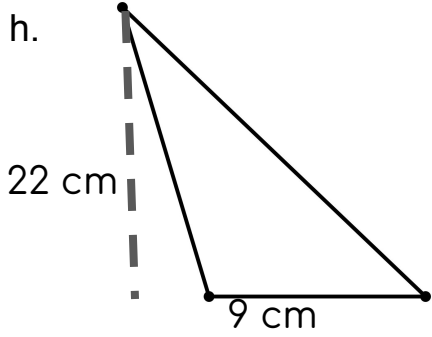
Find the area. If correct, move ahead **2** spaces.



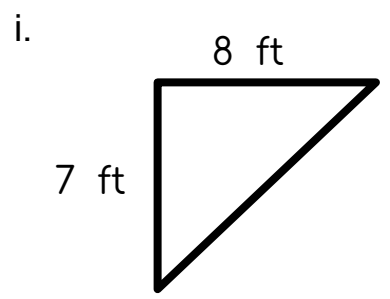
Find the area. If correct, move ahead **1** space.



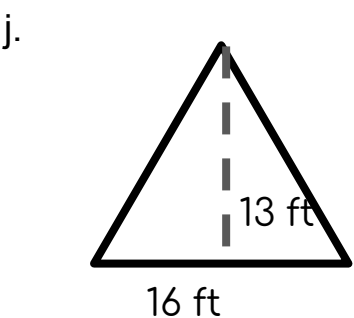
Find the area. If correct, move ahead **2** spaces.



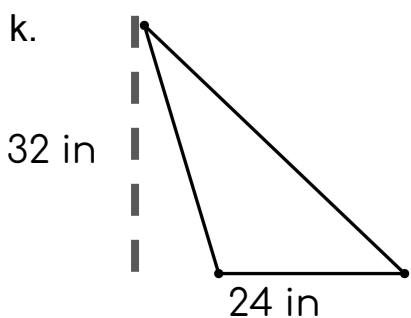
Find the area. If correct, move ahead **3** spaces.



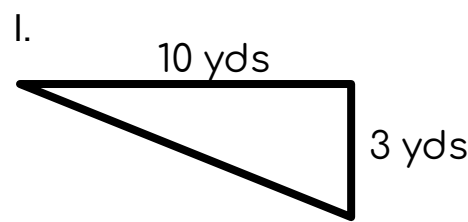
Find the area. If correct, move ahead **1** space.



Find the area. If correct, move ahead **2** spaces.



Find the area. If correct, move ahead **3** spaces.



Find the area. If correct, move ahead **1** space.



Square
Area Card



Square
Area Card



Square
Area Card



Square
Area Card



Square
Area Card



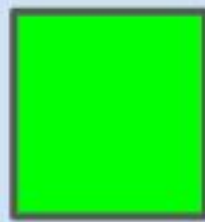
Square
Area Card



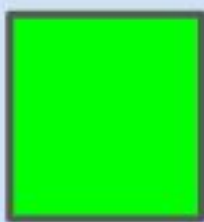
Square
Area Card



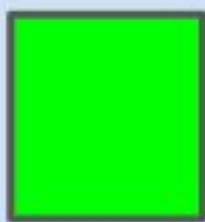
Square
Area Card



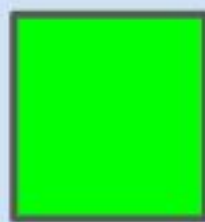
Square
Area Card



Square
Area Card

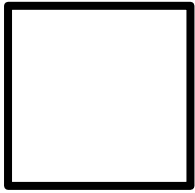


Square
Area Card



Square
Area Card

a.

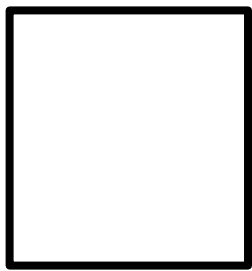


6 in

6 in

Find the area. If correct, move ahead **1** space.

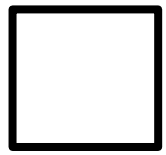
b.



5 cm

Find the area. If correct, move ahead **2** spaces.

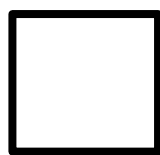
c.



12 in

Find the area. If correct, move ahead **3** spaces.

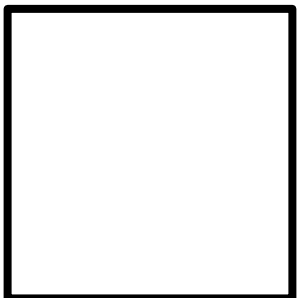
d.



15 cm

Find the area. If correct, move ahead **3** spaces.

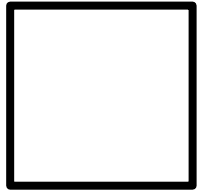
e.



2 ft

Find the area. If correct, move ahead **2** spaces.

f.

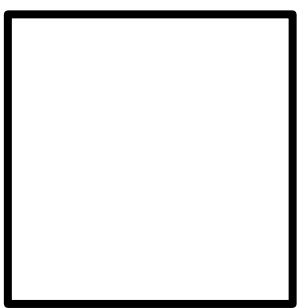


7 mi

7 mi

Find the area. If correct, move ahead **1** space.

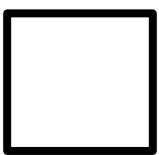
g.



9 in

Find the area. If correct, move ahead **2** spaces.

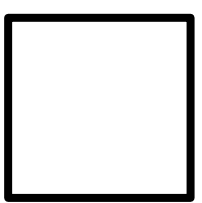
h.



11 yds

Find the area. If correct, move ahead **3** spaces.

i.

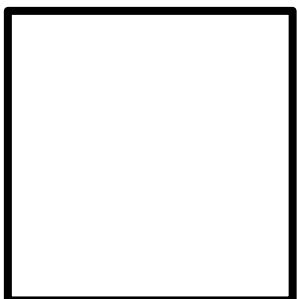


10 m

10 m

Find the area. If correct, move ahead **1** space.

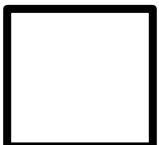
j.



4 m

Find the area. If correct, move ahead **2** spaces.

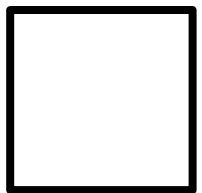
k.



14 km

Find the area. If correct, move ahead **3** spaces.

l.



8 cm

8 cm

Find the area. If correct, move ahead **1** space.

Vocabulary
Slide Card

Vocabulary
Slide Card

Vocabulary
Slide Card

Vocabulary
Slide Card

Vocabulary
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Vocabulary
Slide Card

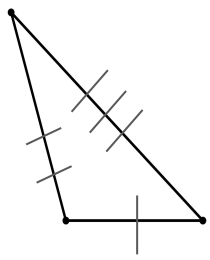
Vocabulary
Slide Card

a. True or false? A square is a kind of rectangle.

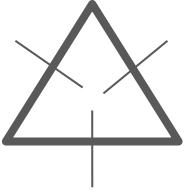
b. Give at least 2 names for this shape.



c. Name this triangle by its angles and its side lengths.



d. Name this triangle by its angle and its side lengths.



e. Give at least 2 names for this shape.

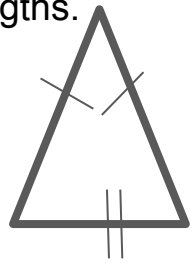


f. What is the difference between a parallelogram and a square?

g. Give at least 2 names for this shape.

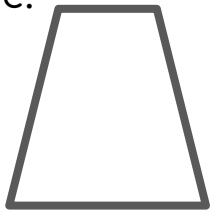


h. Name this triangle by its angle and its side lengths.

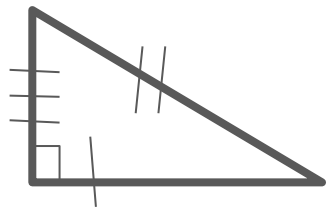


i. Can a triangle ever have 2 right angles? Why or why not?

j. Give at least 2 names for this shape.



k. Name this triangle by its angle and its side lengths.



l. What do the roots tri and quad mean?