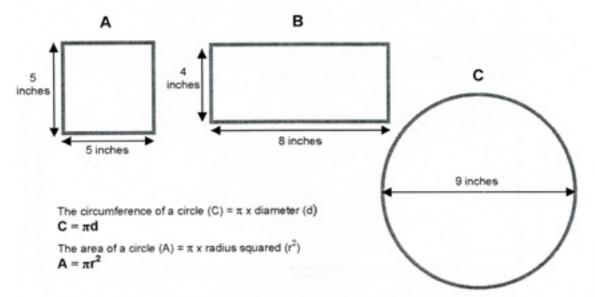
This problem gives you the chance to:

· find areas and perimeters of rectangular and circular shapes in a practical context

Robbie loves the stuffed crusts on pizzas.

Here are some stuffed crust pizza shapes that are baked.





1. How many inches of stuffed crust are put around the edge of each of these pizzas?

A 20 inches

B 24 inches

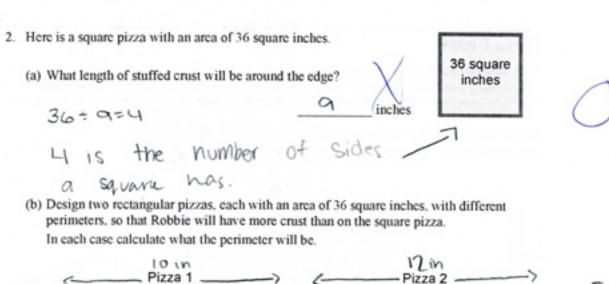
c 28.26 inches

Show your calculations.

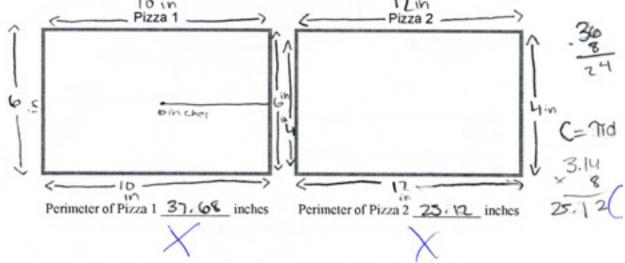
A: 5×4=20 B: LIXZ=8V 8×2=16

C= Tid Ti= 3.14

28.26



C= Yld 314 628 314 37.68



C=710

3.14

3. What is the circumference of a round pizza with an area of 36 square inches?

28.26 inches

Explain how you figured this out.

The circumference equals pi times diameter so then X 3.14 times the diameter of the 36 square Inch pizza is 28.26 inches.

8

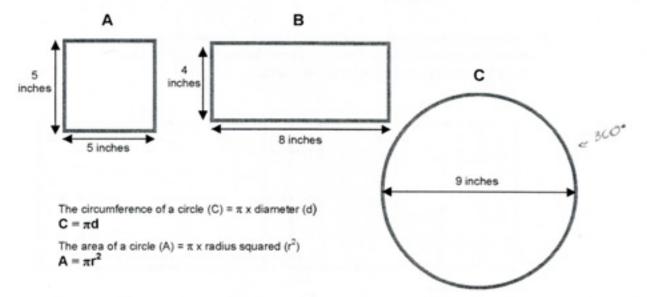
This problem gives you the chance to:

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Robbie loves the stuffed crusts on pizzas.

Here are some stuffed crust pizza shapes that are baked.





1. How many inches of stuffed crust are put around the edge of each of these pizzas?

A 25 X inches

B 24 Vinches

C 40 \inches

Show your calculations.

5.5=25 X

4.2=8 8.2=16 V

9/3CO X

Pizza Crusts Test 7

(a) What length of stuffed crust will be aro	inches
	inches
	3C = C - X
	X
(b) Design two rectangular pizzas, each with	th an area of 36 square inches, with different
perimeters, so that Robbie will have me In each case calculate what the perimeter	ore crust than on the square pizza.
the permit	ci wiii de.
Pizza 1	Pizza 2
11.17.11.1	
Perimeter of Pizza 1 9 inc	hes Perimeter of Pizza 2 inches
_	V
What is the circumference of a round pizza	with an area of 36 square inches?
•	V
Explain how you figured this out.	inches
360 = 36=10 360 is +1	he perinited and 36 is
the orea.	\
	X

Page 5

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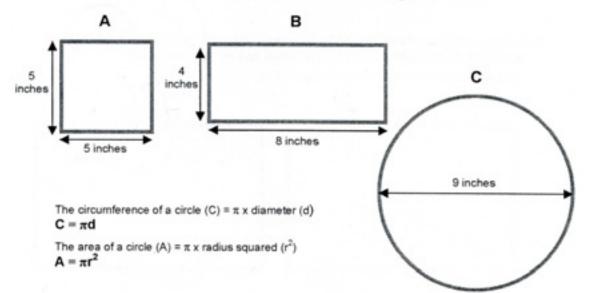
This problem gives you the chance to:

· find areas and perimeters of rectangular and circular shapes in a practical context

Robbie loves the stuffed crusts on pizzas.

Here are some stuffed crust pizza shapes that are baked.

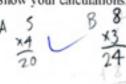




- 1. How many inches of stuffed crust are put around the edge of each of these pizzas?
 - A 20 inches
- B 24 inches

Page 4

inches



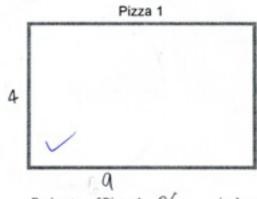
2. Here is a square pizza with an area of 36 square inches.

36 square inches

(a) What length of stuffed crust will be around the edge?

inches

(b) Design two rectangular pizzas, each with an area of 36 square inches, with different perimeters, so that Robbie will have more crust than on the square pizza. In each case calculate what the perimeter will be.



Pizza 2



Perimeter of Pizza 1



Perimeter of Pizza 2

12

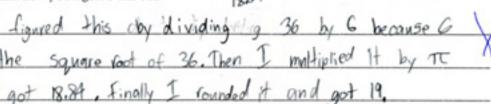


3. What is the circumference of a round pizza with an area of 36 square inches?

Explain how you figured this out.







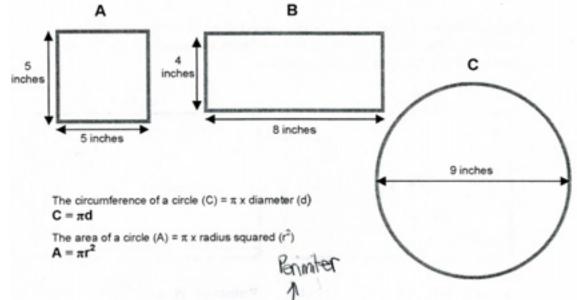
This problem gives you the chance to:

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Robbie loves the stuffed crusts on pizzas.

Here are some stuffed crust pizza shapes that are baked.





1. How many inches of stuffed crust are put around the edge of each of these pizzas?

A 20 inches

B 24 inches

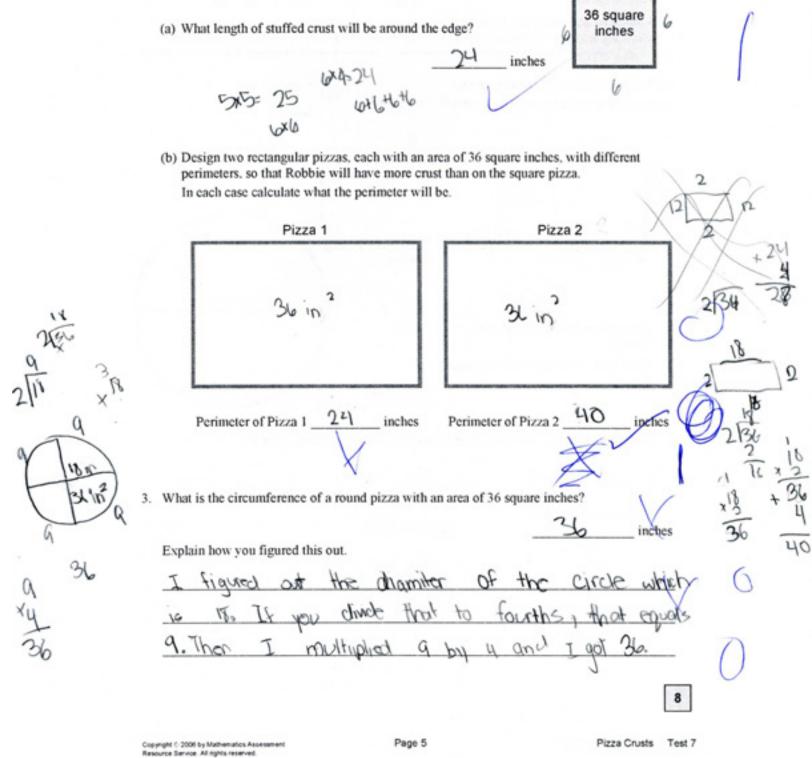
C 28 inches

Show your calculations.

5x4-20 V

4×2+ 8×2 8- 16 -

3.14 79= 426



2. Here is a square pizza with an area of 36 square inches.

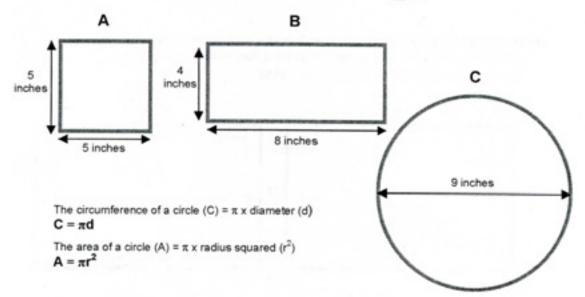
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1. How many inches of stuffed crust are put around the edge of each of these pizzas?

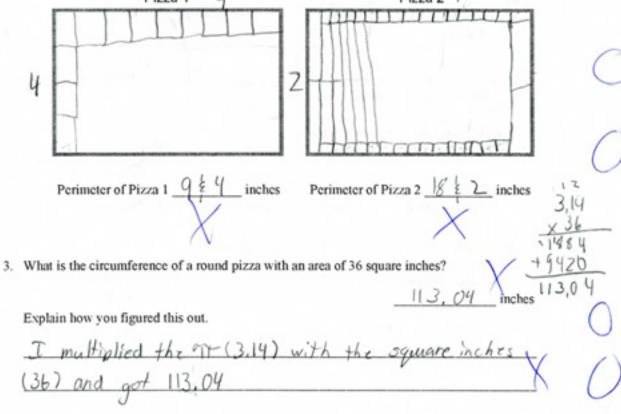
A 20 inches B 24 inches

2. Here is a square pizza with an area of 36 square inches.

(a) What length of stuffed crust will be around the edge?

(b) Design two rectangular pizzas, each with an area of 36 square inches, with different perimeters, so that Robbie will have more crust than on the square pizza.

In each case calculate what the perimeter will be.



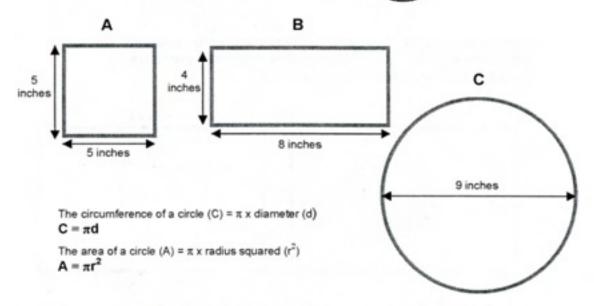
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Here are some stuffed crust pizza shapes that are baked.



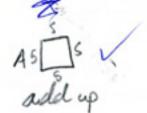


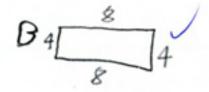
1. How many inches of stuffed crust are put around the edge of each of these pizzas?

A 26 inches

B 24 inches

c 4/2 inches







2.	Here is a square pizza with an area of 36 square inches.
	(a) What length of stuffed crust will be around the edge? 36 square inches
	9x4 inches
	(b) Design two rectangular pizzas, each with an area of 36 square inches, with different perimeters, so that Robbie will have more crust than on the square pizza. In each case calculate what the perimeter will be.
	Pizza 1 Pizza 2
	Perimeter of Pizza 1 inches Perimeter of Pizza 2 inches
3.	What is the circumference of a round pizza with an area of 36 square inches?
	Explain how you figured this out.
	8

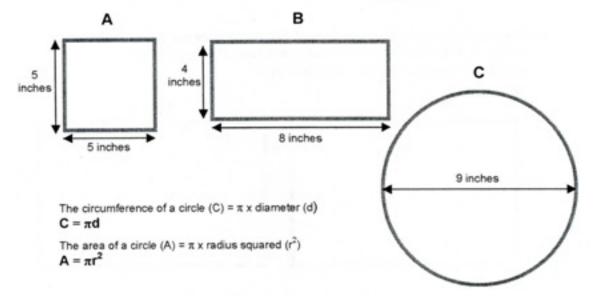
This problem gives you the chance to:

· find areas and perimeters of rectangular and circular shapes in a practical context

Robbie loves the stuffed crusts on pizzas.

Here are some stuffed crust pizza shapes that are baked.





1. How many inches of stuffed crust are put around the edge of each of these pizzas?

A _ O inches

B 12 inches

C 28.26 inches

Show your calculations.

3.14 × 9 78.26

2.	Here is a square pizza with an area of 36 square	inches.	100000000000000000000000000000000000000	
	(a) What length of stuffed crust will be around t	the edge?	36 square inches	
		inches		
		X		
	(b) Design two rectangular pizzas, each with an perimeters, so that Robbie will have more or In each case calculate what the perimeter will	ust than on the square pizz	vith different a.	
	Pizza 1 gn	Pizza	22in	
				0
	4 24		18:00	
				0
	Perimeter of Pizza 1 3 inches	Parimeter of Direct 2	20	
	Permeter of Pizza I	Perimeter of Pizza 2 _	inches	
3.	What is the circumference of a round pizza with	an area of 36 square inche	s? \/	
		_72	. 7 inches	0
	Explain how you figured this out.			
	first I divided 36 by	T and got	11.5. Then, 7	14/36 00
	I added 11.5 plus 11.50	nel got 23.0.	Finally I X	17 3600.
	multipled 23 and 77	to get my	answer.	0
		11.5	8	
		× 2		
	right © 2006 by Mathematics Assessment Page 5 urse Service. All rights reserved.	23.0	Pizza Crusts Test 7	
			3,14	
			19/12	
			6286	
			12.72	

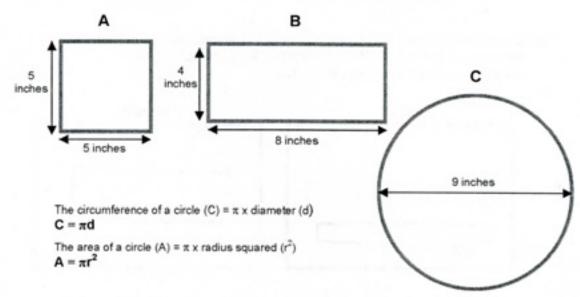
This problem gives you the chance to:

· find areas and perimeters of rectangular and circular shapes in a practical context

Robbie loves the stuffed crusts on pizzas.

Here are some stuffed crust pizza shapes that are baked.





1. How many inches of stuffed crust are put around the edge of each of these pizzas?

C 28126 inches

23.14

36

27.00

27.00

7.826

2.	Here is a square pizza with an area of 36 square is	nches.	21
	(a) What length of stuffed crust will be around the	ne edge?	36 square inches
		37,68 inches	
			6 3.14
		512	V 17
		117	5
	(b) Design two metanogles signed and with an		620
	(b) Design two rectangular pizzas, each with an a perimeters, so that Robbie will have more cru	irea of 36 square inches, wi ist than on the square pizza.	th different
	In each case calculate what the perimeter will		3 9
			27.68
	Pizza 1	Pizza 2	2
	1		
		3	
	2	12	
	18		3~
20			
13.15	Perimeter of Pizza 1 62, 70 inches	Parimeter of Diviso 2 Al	3-10 instru
03	Termicel of Fizza 1	Perimeter of Pizza 2 4	inches 1 60
500	0	\vee	X150
500	20		4500
6 3.	what is the circumference of a round pizza with a	an area of 36 square inches	1 1710
		IX	84 inches 4 10
	Explain how you figured this out.	-10-	1 menes
		4 - 11 1111	Latter V. O
	Tiguleo,	tout by divid	TING THITTY SIX
	by six to find H	e diameter	and
	my History and Nhat 1	11/2	
	multiplying that by	1 1101	
			8

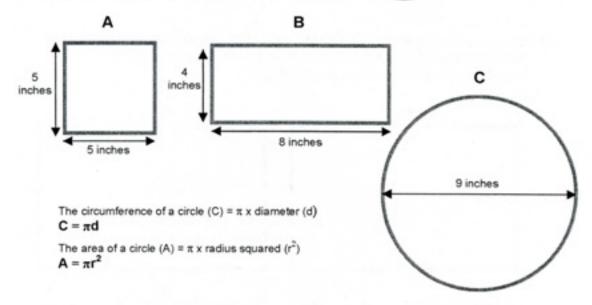
This problem gives you the chance to:

· find areas and perimeters of rectangular and circular shapes in a practical context

Robbie loves the stuffed crusts on pizzas.

Here are some stuffed crust pizza shapes that are baked.





1. How many inches of stuffed crust are put around the edge of each of these pizzas?

A 20 inches

B 24 inches

c_18 inches

2. Her	e is a square pizza with an area of 36 square in	nches.	
(a)	What length of stuffed crust will be around the	e edge?	36 square inches
	Design two rectangular pizzas, each with an ar perimeters, so that Robbie will have more crus In each case calculate what the perimeter will be	st than on the square pizz	with different za.
	Pizza 1	Pizza	12
	Perimeter of Pizza 1 inches	Perimeter of Pizza 3	inches
	at is the circumference of a round pizza with an all ain how you figured this out.	n area of 36 square inche	inches
_			

This problem gives you the chance to:

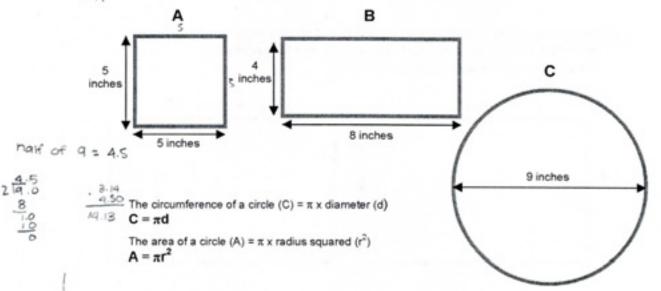
· find areas and perimeters of rectangular and circular shapes in a practical context

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Here are some stuffed crust pizza shapes that are baked.



TC = 3.14



- 1. How many inches of stuffed crust are put around the edge of each of these pizzas?
- A 20 inches B 24 inches C 9 inches

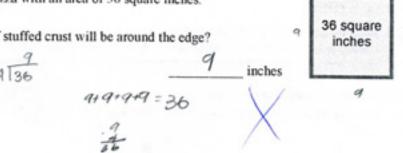
Show your calculations.



3.14

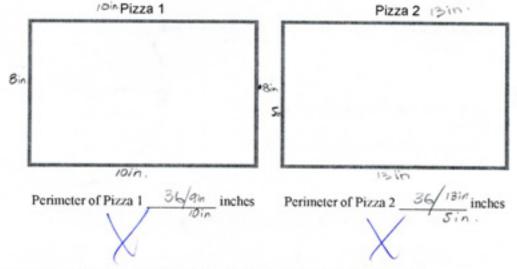
9

- 2. Here is a square pizza with an area of 36 square inches.
 - (a) What length of stuffed crust will be around the edge?



(b) Design two rectangular pizzas, each with an area of 36 square inches, with different perimeters, so that Robbie will have more crust than on the square pizza. In each case calculate what the perimeter will be.





3. What is the circumference of a round pizza with an area of 36 square inches?

inches

Explain how you figured this out.

Tt · diameter;

3.4.4.5 (half of 9) = 14.13, 1 multiplied Die (3.14) by 4.5 (half of 9) ar the answer 14.13

8

9/5/08 5° page 1

Pizza Crusts

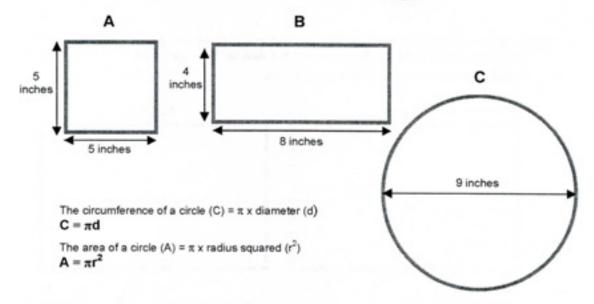
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· find areas and perimeters of rectangular and circular shapes in a practical context

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Here are some stuffed crust pizza shapes that are baked.





1. How many inches of stuffed crust are put around the edge of each of these pizzas?

A 25 inches

B 37 inches

c 64 inche

Show your calculations.

A. 5:n x5:n=25:n B. 4:n x8. in = 32:n C. 3:14 x 20. 25= 63.585

Here is a square pizza with an area of 36	square inches.		
(a) What length of stuffed crust will be a	round the edge?	36 square inches	
	1296 inch		
	\		
		X	
(b) Decian two metanoules nimes and m	ish		
(b) Design two rectangular pizzas, each v perimeters, so that Robbie will have r In each case calculate what the perime	more crust than on the squa	nches, with different are pizza.	
Pizza 1		Pizza 2	
			1
			C
Perimeter of Pizza 1i	nches Perimeter of Piz	zza 2inches	. 0
\sim			
 What is the circumference of a round pizz 	za with an area of 36 squar	re inches?	V
		017,36 inche	s/\
Explain how you figured this out.	12 A :	, , , , , 1	C
I USP 324 x 3.	14 and 1	t Egaal	-1//
40 1017,36 v			$-X \wedge$
			8

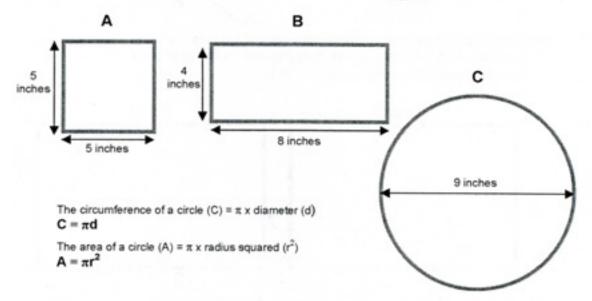
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Here are some stuffed crust pizza shapes that are baked.





How many inches of stuffed crust are put around the edge of each of these pizzas?

A 20 inches

B 24 inches

c 28.26 inches

$$\frac{x}{4}$$
 $\frac{x}{20}$ $\frac{x}{16}$ $\frac{x}{8}$ $\frac{x}{14}$ $\frac{x}{2}$ $\frac{16}{28.26}$

2.	Here is a square pizza with an area of 36 square inches.
	(a) What length of stuffed crust will be around the edge? 36 square inches
	£
	(b) Design two rectangular pizzas, each with an area of 36 square inches, with different perimeters, so that Robbie will have more crust than on the square pizza. In each case calculate what the perimeter will be.
	Pizza 1 Pizza 2
	18
	+2 +1 & 1 2 A
0	7436 30
	3 2
	12 18
	Perimeter of Pizza 1 30 inches Perimeter of Pizza 2 40 inches
	· · · · · · · · · · · · · · · · · · ·
3.	What is the circumference of a round pizza with an area of 36 square inches?
	Explain how you figured this out.
	8

This problem gives you the chance to:

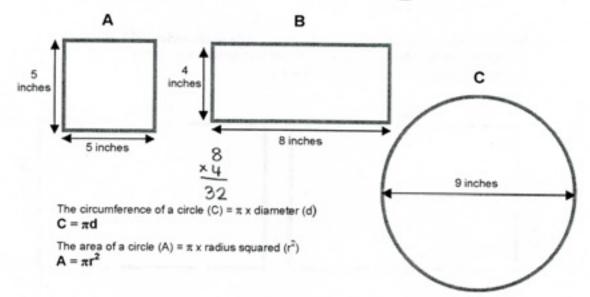
· find areas and perimeters of rectangular and circular shapes in a practical context

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Here are some stuffed crust pizza shapes that are baked.



×5 25



1. How many inches of stuffed crust are put around the edge of each of these pizzas?

A 20 inches

B 24 inches

C 9 inches

Show your calculations.

5x4 - V2

6x4X

9x).

- 2. Here is a square pizza with an area of 36 square inches.

 (a) What length of stuffed crust will be around the edge?

 4 36

 4 36
 - (b) Design two rectangular pizzas, each with an area of 36 square inches, with different perimeters, so that Robbie will have more crust than on the square pizza. In each case calculate what the perimeter will be.

