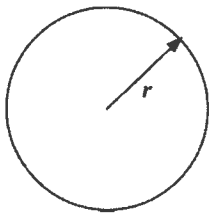
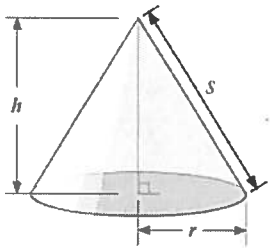
Nadia Alsaedi

A Fair Price

In the following questions, 'fair price' means that the amount you get is in proportion to the amount you pay. For example, the 'fair price' for twelve cookies is double the cost of six.

You may find the following formulas useful:





Area of a circle: πr^2

Circumference of a circle: $2\pi r$

Volume of a cone: $\frac{1}{3}\pi r^2 h$

1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.

(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

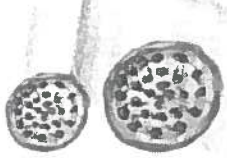
Yes because 4+4 is 8 which equals the large ring candy. It is half of the large ring.

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

80¢ because like we mentions 2 small is as big as 1 and if 1 is 40¢ two would be 80¢ double the price of the small one.

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

No because if the large pizza is 12 and small pizza 6 in diameter it means the double the large one which would be 2 not 3.

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

$6 because 2 small equals 1 large pizza

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

No because a large cone is 12 and if you divide 12 by 2 it would give you 6 which is wrong if you divide it by 3 cones it would give you 4.

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

$1.20 x 3 = $3.60 because we said the one large is the same as 3 small cones.

Juliette watkins

A Fair Price

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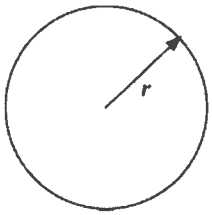

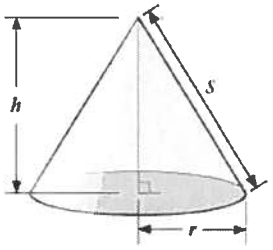

Area of a circle: πr^2

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Volume of a cone: $\frac{1}{3}\pi r^2 h$

1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.

(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Yes because it said a fair price is amount double the answer

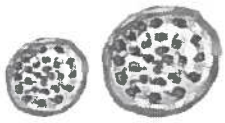
If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

2 x 20 = 40 cents

120
2)240

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Yes because if you double the 6 inches you'll get 12 so and it's a fair cut.

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

if a Small Pizza is $3 the fair Prize is $6 because you'll have to double the $3 to amount with the 6 to get a fair Prize.

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Yes She's correct because if those Small numbers are double it gonna be the Same

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

$2.40

Connie Kominsky
NOV 15, 2017

A Fair Price

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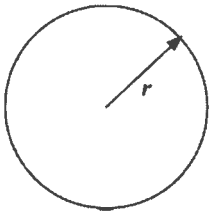
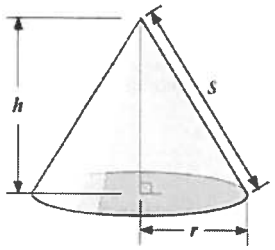
You may find the following formulas useful:





Area of a circle: πr^2

Circumference of a circle: $2\pi r$

Volume of a cone: $\frac{1}{3}\pi r^2 h$

1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.

8d / 4r
4d / 2r

(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

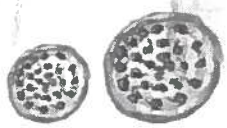
I think she is correct. The Biggs candy ring has a diameter of 8 inches and the smaller candy ring has a diameter of 4 inches The smaller candy ring is half of the bigger candy ring. So that's why I think she is correct.

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

80¢
If the smaller is half the size of the Bigger one it's only fair to Add on 40¢

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from ~~three~~ two small pizzas as from one large pizza."

Is Jasmina correct about the pizzas? No

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

If the small one is 6in. it's half the size of the large that has 12in

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

$3.00 small $6.00 large It's 6 inches more the small one so I Added $3.00 more

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones? Yes

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

It's half the size of the larger cone so I say yes

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

$2.40 large one. ADDED another $1.20 HALF of HALF

Shah Zahin Koushik

A Fair Price

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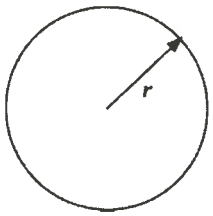

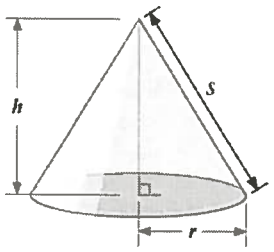

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1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.

(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

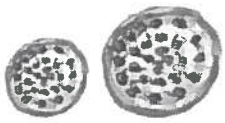
Jasmina is Correct. because of the Small candy had 4inches diameter. and large candy has 8 inch diameter so Same amount of candy for one large ring.

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

If the Price one small ring of candy 40 cents the price for a large one 80cents. because of Same amount of two small ring and one large ring.

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Jasmina Correct about the pizzas.

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

$6

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Jasmina is incorrect about the popcorn

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

$2.40

Shabana Malik 11/15/2017.

A Fair Price

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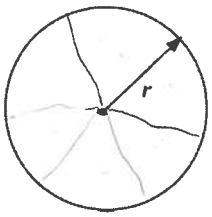
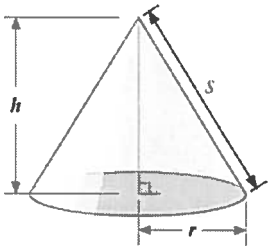




Area of a circle: πr^2

Circumference of a circle: $2\pi r$

Volume of a cone: $\frac{1}{3}\pi r^2 h$

1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.

(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

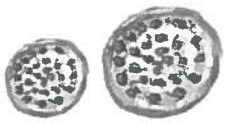
Jasmina is correct because the Diagram is a outer of some thing Round Shape Length and if a 2 small Rings candy are same amount of one big candy then the Length will be the same

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

80¢ If small ring of candy is 40¢ then the large candy which is duble the small one will be 80¢

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

No Jasmina is not correct because 3 small Pizzas will have the more diameter and if you get the more diameter then you will get more amount of pizza.

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

Large Pizza will be $9

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

Tamisha Sabio-Hall
MR. Brian

11/13/17

A Fair Price

In the following questions, 'fair price' means that the amount you get is in proportion to the amount you pay. For example, the 'fair price' for twelve cookies is double the cost of six.

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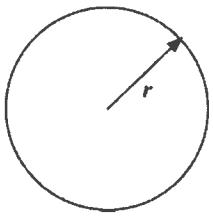

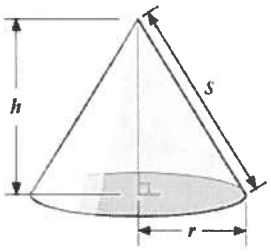

Area of a circle: πr^2

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Volume of a cone: $\frac{1}{3}\pi r^2 h$

1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.

(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

I believe that Jasmina is correct because of the number of inches in each piece of candy. You would need 2 small rings or 2x4 inches =8 inches to equal 1 large candy ring.

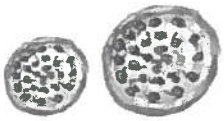
If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

The fair price for the large candy ring is 80 cents. Again as Jasmina said to pay double the price for double the candy

40 × 2 = 80 cents

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Jasmina is incorrect. Three small pizzas equal 18 inches - 6 x 3 = 18 She's getting more pizza from 3 small ones.

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

The fair price of the large pizza is $6 b/c Double pizza + inches = Double the price 3 x 2 = 6

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Jasmina is correct. If the larger has top of 4 and height of 12 then 2 small cones = 4 top and height of 12

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

The fair price for a large cone should be $4.80 because 2 small cones = $2.40 and the price of the large should be double that which is $4.80

RACHAEL

A Fair Price

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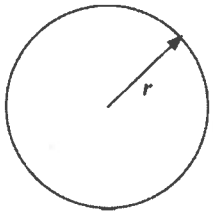

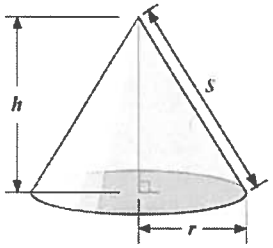

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1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.

(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

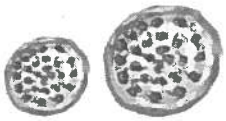
no

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

80 cents

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Yes

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

$ 9

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Yes

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

$ 2.40

Venier

A Fair Price

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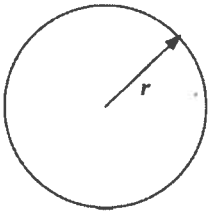

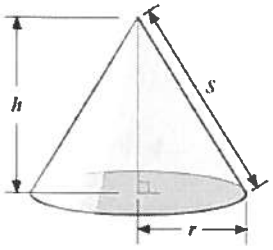

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1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.

(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

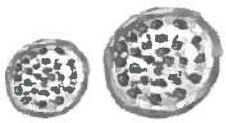
No it shuld be about 32 inches

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

about 80 d

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

she is correct because the small one is half the size of the larger one.

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

since the small is $3, the large would be approx $9.00

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

yes' correct

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

approx $2.40

Genesis M. Arroyo

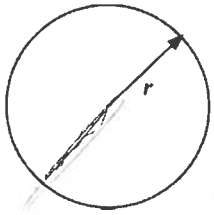
Nov 15, 201-

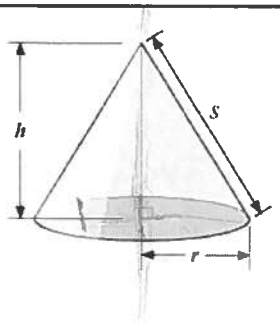
A Fair Price

*cookie Example

*In the following questions, 'fair price' means that the amount you get is in proportion to the amount you pay. For example, the 'fair price' for twelve cookies is double the cost of six.

You may find the following formulas useful:





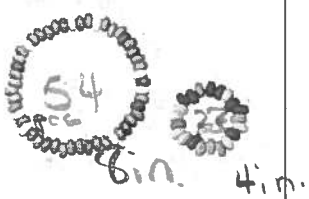
Area of a circle: πr^2

Circumference of a circle: $2\pi r$

Volume of a cone: $\frac{1}{3}\pi r^2 h$

1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.



(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

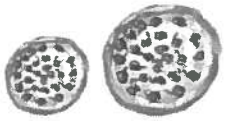
I feel that jasmina is incorrect because a specific size/diameter of something is not the same a the total. Two small rings would leave you with 44 pieces of candy whereas 1 bigger one, 54 pieces

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

If were going by jasmina and the cookies example* then it's .80, because that is the Fair price if its half as much as the four inch one.

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Jasmina is incorrect because although it is half its size wouldnt just two of the due? Instead of adding more

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

The fair price would be $6.00, because it is 6 inches bigger in diameter, the smaller one is 6 inches that

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Even though the smaller one is only half the size of the bigger one in radius + diameter the bigger one will hold more regardless of the But I could be wrong with this one.

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

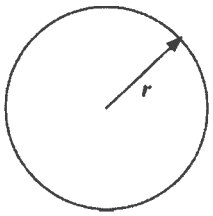
The fair price would be $2.40, because again fair price would be like the cookie example.*

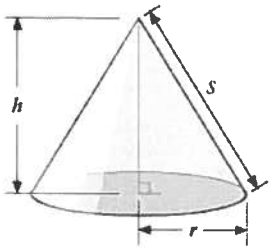
Ligia Fernandez.

A Fair Price

In the following questions, 'fair price' means that the amount you get is in proportion to the amount you pay. For example, the 'fair price' for twelve cookies is double the cost of six.

You may find the following formulas useful:





Area of a circle: πr^2

Circumference of a circle: $2\pi r$

Volume of a cone: $\frac{1}{3}\pi r^2 h$

1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.

(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

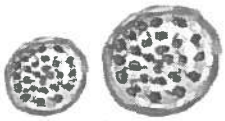
Yes because the half of 8 need to be 4 inches.

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

2 equal 2

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

12 ≠ 6 =

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

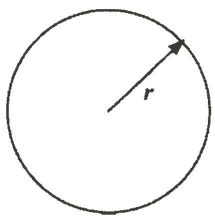
If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

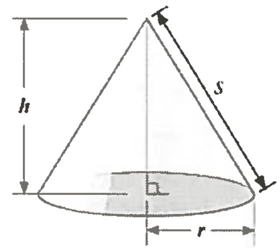
[illegible]
11/15/17

A Fair Price

In the following questions, 'fair price' means that the amount you get is in proportion to the amount you pay. For example, the 'fair price' for twelve cookies is double the cost of six.

You may find the following formulas useful:





Area of a circle:	πr^2	Volume of a cone:	$\frac{1}{3}\pi r^2 h$
Circumference of a circle:	$2\pi r$		

1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.

(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Jasmina is not coriat when she said she had the same amount. The small one is 4 in if we multiply it with 3.14 and the product by 2 will get

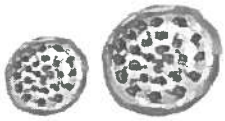
$2(3.14 \times 4) =$

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

80 ¢ is double the cost of the small

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

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If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

3 x 3 = 9

.....

.....

.....

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

.....

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If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

.....

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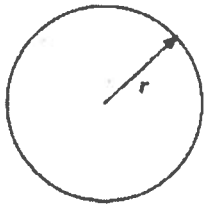
.....

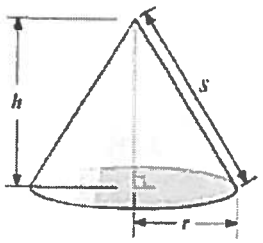
Martha Niola

A Fair Price

In the following questions, 'fair price' means that the amount you get is in proportion to the amount you pay. For example, the 'fair price' for twelve cookies is double the cost of six.

You may find the following formulas useful:





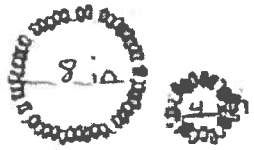
Area of a circle: $\pi \cdot r^2$

Circumference of a circle: $2\pi r$

Volume of a cone: $\frac{1}{3}\pi \cdot r^2 h$

1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.



(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

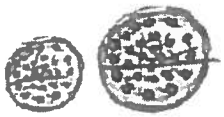
I think Jasmina is correct because 2 small rings with a diameter of 4 each will make the diameter of the big ring wich is 8.1

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

If the small ring cost .40 cents then the big ring will cost .80 cents since it double the small ring.

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

Jasmina is not correct. She can get 2 small pizzas to make the diameter of 12 wich is the diameter of the big pizza.

If the price for a small pizza is $3, what is a 'fair price' for a large one?

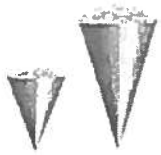
Explain your answer.

If small pizza cost $3, in two small pizzas will be $6, so the fair price ~~was~~ for the big pizza will be $6.

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.



(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

A Fair Price

Emilee Arce

In the following questions, 'fair price' means that the amount you get is in proportion to the amount you pay. For example, the 'fair price' for twelve cookies is double the cost of six.

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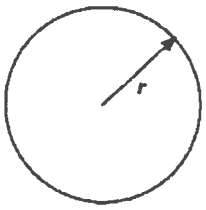
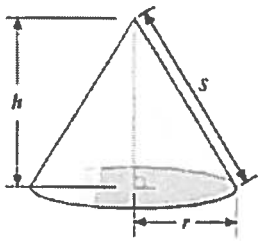




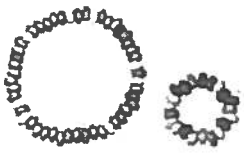
Area of a circle: πr^2

Circumference of a circle: $2\pi r$

Volume of a cone: $\frac{1}{3}\pi r^2 h$

1. Candy Rings

A large ring of candy has a diameter of 8 inches and a small ring has a diameter of 4 inches.



(Diagram not to scale.)

Jasmina says:

"I get the same amount of candy from two small rings as from one large ring."

1. Is Jasmina correct? If you think Jasmina is correct explain why. If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

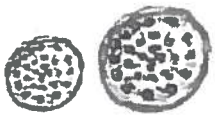
I believe she is correct, because it is half the size of the bigger ring of candy.

If the price of the small ring of candy is 40 cents, what is a *fair price* for a large one? Explain your answer.

A fair price for the large one would be, $.80 The small ring is half the size of the large one.

2. Pizzas

A large pizza has a diameter of 12 inches. A small pizza has a diameter of 6 inches.



(Diagram not to scale.)

"I get the same amount of pizza from three small pizzas as from one large pizza."

Is Jasmina correct about the pizzas?

If you think Jasmina is correct explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

She is not correct. I get the same amount of pizza from 2 pizzas as from one large pizza. "Small pizza is half the size of the large.

If the price for a small pizza is $3, what is a 'fair price' for a large one?

Explain your answer.

a fair price would be $6, since it is half the size.

3. Popcorn

The larger cone has a top radius of 4 inches and a height of 12 inches.

The small cone has a top radius of 2 inches and a height of 6 inches.

(Diagram not to scale.)

"I get the same amount of popcorn from two small cones as from one large cone."

Is Jasmina correct about the popcorn cones?

If you think Jasmina is correct, explain why.

If you think she is incorrect, replace the statement with one that is correct. Explain why your statement is correct.

yes she is correct because it is half a size smaller.

If the price for a small cone of popcorn is $1.20, what is a 'fair price' for a large one?

$2.40 would be a fair price.