

1. Ren Hoek is making cookie dough. A ratio for cookie dough is:

1 part sugar  
2 parts butter  
3 parts flour

If Ren Hoek has 3 pounds of flour, how many pounds of sugar does Ren Hoek need to make the cookie dough?

- A. Ren Hoek needs 0.25 pounds of sugar.
- B. Ren Hoek needs -1 pounds of sugar.
- C. Ren Hoek needs -0.5 pounds of sugar.
- D. Ren Hoek needs -0.25 pounds of sugar.
- E. Ren Hoek needs 0 pounds of sugar.
- F. Ren Hoek needs 2 pounds of sugar.
- G. Ren Hoek needs 2.5 pounds of sugar.
- H. Ren Hoek needs 1 pounds of sugar.

2. Boss Hog is serving white rice to 99 guests. Each portion requires 1.5 ounces of cooked white rice. How many pounds of uncooked white rice and how many gallons of liquid should Boss Hog use?

- A. Boss Hog should use 3.0938 pounds of uncooked white rice and 1.2234 gallons of liquid.
- B. Boss Hog should use 2.0938 pounds of uncooked white rice and 0.7734 gallons of liquid.
- C. Boss Hog should use 3.0938 pounds of uncooked white rice and 0.7734 gallons of liquid.
- D. Boss Hog should use 2.0938 pounds of uncooked white rice and -0.2266 gallons of liquid.
- E. Boss Hog should use 3.5438 pounds of uncooked white rice and -0.2266 gallons of liquid.
- F. Boss Hog should use 2.9938 pounds of uncooked white rice and 1.2234 gallons of liquid.
- G. Boss Hog should use 3.5438 pounds of uncooked white rice and 1.2234 gallons of liquid.
- H. Boss Hog should use 2.9938 pounds of uncooked white rice and 0.7734 gallons of liquid.

3. Mrs. Puff is serving brown rice to 275 guests. Each portion requires 1.5 ounces of uncooked brown rice. How many pounds of uncooked brown rice and how many gallons of liquid should Mrs. Puff use?

- A. Mrs. Puff should use 26.5313 pounds of uncooked brown rice and 8.8067 gallons of liquid.
- B. Mrs. Puff should use 26.5313 pounds of uncooked brown rice and 8.0567 gallons of liquid.
- C. Mrs. Puff should use 25.6813 pounds of uncooked brown rice and 8.8067 gallons of liquid.
- D. Mrs. Puff should use 25.6813 pounds of uncooked brown rice and 7.9568 gallons of liquid.
- E. Mrs. Puff should use 25.7813 pounds of uncooked brown rice and 7.9568 gallons of liquid.
- F. Mrs. Puff should use 25.7813 pounds of uncooked brown rice and 8.0567 gallons of liquid.
- G. Mrs. Puff should use 25.9813 pounds of uncooked brown rice and 7.9568 gallons of liquid.
- H. should use 25.9813 pounds of uncooked brown rice and 8.0567 gallons of liquid.

4. The ratio Mr. Holt uses to make pesto is:

5 parts basil leaves  
1.5 parts parmesan cheese  
1.5 parts olive oil  
1 part pine nuts  
0.5 part chopped garlic

If Mr. Holt has 21 ounces of pine nuts, how many pounds of pesto can Mr. Holt make?

- A. Mr. Holt can make 12.6188 pounds of pesto.
- B. Mr. Holt can make 12.4188 pounds of pesto.
- C. Mr. Holt can make 12.7188 pounds of pesto.
- D. Mr. Holt can make 11.9188 pounds of pesto.
- E. Mr. Holt can make 13.0188 pounds of pesto.
- F. Mr. Holt can make 12.4688 pounds of pesto.
- G. Mr. Holt can make 12.0688 pounds of pesto.
- H. Mr. Holt can make 12.3688 pounds of pesto.

5. The ratio Mr. Holt uses to make pesto is:

5 parts basil leaves

1.5 parts parmesan cheese

1.5 parts olive oil

1 part pine nuts

0.5 part chopped garlic

If Mr. Holt has 2.75 pounds of parmesan cheese, how many pounds of pesto can Mr. Holt make?

A. Mr. Holt can make 17.4667 pounds of pesto.

B. Mr. Holt can make 18.0167 pounds of pesto.

C. Mr. Holt can make 17.1167 pounds of pesto.

D. Mr. Holt can make 17.7167 pounds of pesto.

E. Mr. Holt can make 17.4167 pounds of pesto.

F. Mr. Holt can make 18.3667 pounds of pesto.

G. Mr. Holt can make 16.7667 pounds of pesto.

H. Mr. Holt can make 17.7667 pounds of pesto.

6. The ratio Mr. Holt uses to make pesto is:

5 parts basil leaves

1.5 parts parmesan cheese

1.5 parts olive oil

1 part pine nuts

0.5 part chopped garlic

If Mr. Holt needs 5.25 pounds of pesto, how many ounces of olive oil should Mr. Holt use?

A. Mr. Holt should use 12.8132 ounces of olive oil.

B. Mr. Holt should use 13.2632 ounces of olive oil.

C. Mr. Holt should use 13.6132 ounces of olive oil.

D. Mr. Holt should use 13.3632 ounces of olive oil.

E. Mr. Holt should use 12.8632 ounces of olive oil.

F. Mr. Holt should use 13.9632 ounces of olive oil.

G. Mr. Holt should use 13.0632 ounces of olive oil.

H. Mr. Holt should use 13.8632 ounces of olive oil.

7. Mrs. Puff is making cookie dough. A ratio for cookie dough is:

1 part sugar  
2 parts butter  
3 parts flour

If Mrs. Puff has 3.75 pounds of flour, how many pounds of butter does Mrs. Puff need to make the cookie dough?

- A. Mrs. Puff needs 0.5 pounds of butter.
- B. Mrs. Puff needs 2.5 pounds of butter.
- C. Mrs. Puff needs 3.25 pounds of butter.
- D. Mrs. Puff needs 2 pounds of butter.
- E. Mrs. Puff needs 2.25 pounds of butter.
- F. Mrs. Puff needs 3.75 pounds of butter.
- G. Mrs. Puff needs 3.5 pounds of butter.
- H. Mrs. Puff needs 3 pounds of butter.

8. Princess Bubblegum is making cookie dough. A ratio for cookie dough is:

1 part sugar  
2 parts butter  
3 parts flour

If Princess Bubblegum has 2.25 pounds of sugar, how many pounds of cookie dough can Princess Bubblegum make?

- A. Princess Bubblegum can make 12 pounds of cookie dough.
- B. Princess Bubblegum can make 12.75 pounds of cookie dough.
- C. Princess Bubblegum can make 12.25 pounds of cookie dough.
- D. Princess Bubblegum can make 15 pounds of cookie dough.
- E. Princess Bubblegum can make 14.75 pounds of cookie dough.
- F. Princess Bubblegum can make 14.5 pounds of cookie dough.
- G. Princess Bubblegum can make 11.5 pounds of cookie dough.
- H. Princess Bubblegum can make 13.5 pounds of cookie dough.