9. 35%

11. 2%

12. 0.4%

13. $\frac{3}{4}$

14. $\frac{7}{8}$

15. $\frac{9}{200}$

16. $\frac{6}{5}$

17. According to the U.S. Census Bureau, 0.98% of females in the United States in 1990 were named Barbara. Express this percent as a fraction.

18. You work 20 hours per week at a grocery store during the summer. Sixty percent of your job is restocking the shelves. How many hours per week do you spend restocking the shelves?

Write an equation for each question. Then solve the equation.

19. What percent of 82 is 10.25?

20. 108% of 47 is what number?

21. 99 is 72% of what number?

22. 12 is what percent of 1,920?

23. What is 62% of 128?

24. 168% of what number is 714?

272   Chapter 6   Chapter Test

Jan 27th 2:32:36 am

👋 Natalia!

Jan 27th 2:32:38 am

I'm connecting you with a tutor now.

Jan 27th 2:32:40 am

📷 Nice

Jan 27th 2:32:43 am

Did you start on the problem, even just a little?

Jan 27th 2:32:45 am

If so, take a 📷 of your work so I can send it to the tutor. There's no such thing as sending too little work 😊

Jan 27th 2:32:48 am

TUTOR FOUND, NOW REVIEWING PROBLEM AT NO CHARGE

Jan 27th 2:32:48 am

No picture

Jan 27th 2:32:52 am

That's fine! 😊 Your tutor will be ready soon.

Jan 27th 2:32:54 am

📷 Nice

Jan 27th 2:32:57 am

Yup tips help you have the best session ever 🎯

Jan 27th 2:33:00 am

Yup believes teaching you how to solve problems is better than giving you answers. 💯

Jan 27th 2:33:03 am

Hi Natalia, welcome to Yup! I will be your instructor for this session.

Jan 27th 2:33:17 am

Hi

Jan 27th 2:33:23 am

This is a really cool problem! I am excited for us to work on it together. Are you ready?

Jan 27th 2:33:30 am

Yes

Jan 27th 2:33:39 am

Have you made any progress in solving this problem? If so, please share your work.

Jan 27th 2:33:48 am

I don't know where to start. But I know it has something to do with is over of

Jan 27th 2:34:11 am

Yes, you are in the right direction:)

Jan 27th 2:34:29 am

Shall I clarify it using an example?

Jan 27th 2:34:41 am

Sire

Jan 27th 2:34:52 am

Before we begin, let's understand what we mean by percent.

Jan 27th 2:35:02 am

Percent = Per Cent = Per Century = Per Hundred = Something OUT of 100

Jan 27th 2:35:28 am

Yes

Jan 27th 2:35:39 am

So is over of, x over 100?

Jan 27th 2:35:52 am

Correct:)

Jan 27th 2:36:03 am

For example, Sam gets 18/40and Pete gets 10/20.

Jan 27th 2:36:46 am

Sam says he got more than Pete.

Jan 27th 2:36:58 am

Let's find out if Sam is right.

Jan 27th 2:37:09 am

To compare we use percents, ie how much out of 100 did Sam and Pete got.

Jan 27th 2:37:34 am

Sam: 18/40 = x/100

Jan 27th 2:37:54 am

28/100

Jan 27th 2:38:12 am

We compare with the x/100 to get the percent. Can you solve for the 'x'?
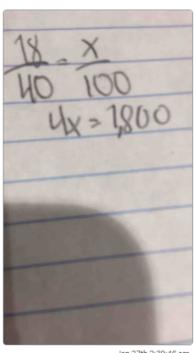
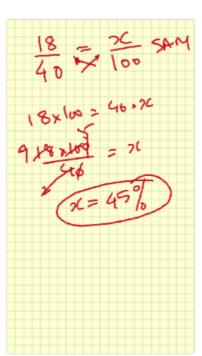Jan 27th 2:38:12 am

Do you do cross products?

Jan 27th 2:38:56 am

Yes, we can cross multiply.

Jan 27th 2:39:05 am
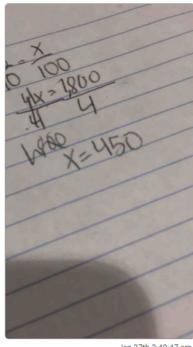

Jan 27th 2:39:46 am

Jan 27th 2:39:48 am

Yes, you are in the right direction.

Jan 27th 2:40:01 am

You may refer to the work I just uploaded.

Jan 27th 2:40:14 am

Can you find what percent Pete got?

Jan 27th 2:40:29 am

Jan 27th 2:40:47 am

I got 450

Jan 27th 2:40:53 am

Close, but a very good attempt:) On the left side of =, there should be 40x.

Jan 27th 2:41:14 am

Oh ya

Jan 27th 2:41:31 am

Ok so it's 40 not 4

Jan 27th 2:41:41 am

Correct.

Jan 27th 2:41:45 am

My mistake

Jan 27th 2:41:48 am

Can you find the percent for Pete?

Jan 27th 2:41:56 am

Can we try my problem now

Jan 27th 2:41:57 am

Student ended session

Jan 27th 2:42:21 am