Math Word Problems

50 employees. 35 are part-time and 15 are full-time. What percent are full time?

9 Answers

your question: *50 employees. 35 are part-time and 15 are full-time. What percent are full time?*

Any time someone mentions *"percent"*, we are talking about the part of something or the share of something.

We calculate this share by calculating a similar share as **part of a total of 100**.

Let's go to the question:

In this case the total is 50 employees, and we want to know what 15 full time employees represent as a share of that total, but expressed as **part of 100**.

Therefore we can say, where S is the share and P the **percent**:

S = 15/50

S= P/100

If we combine these 2 equations,

P/100 = 15/50

we now multiply both sides of the equation by 100, and we obtain:

P = (15*100)/50

or

P = 15 * (100/50) = 15 *2

Therefore

P= 30

One can say that the percent of full-time employees is **30 percent**.

We can now also use the *percent-sign*, and write **30%.**

Now some *fun facts* :

Percent comes from latin : "per centum", which means "per hundred".

Percents are used a lot. Some examples are :

- to express the part of a whole, for instance : costs as part of a sales price, profits as part of total revenues

- to express sales taxes, ...

- to express results where all the parts add up to the whole item ; then the sum of all the parts expressed in percentages add up to 100%, for instance: polls are usually expressed in percents

All the best

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15 years hence a man will be just 4 times as old as he was at 15 years of age. What is his present age?

How many times can you take away 3 from 100?

In 10 years, A will be 3 times her age today. What is her age 8 years from now?

If a movie starts at 7:50 and it's 1 hour and 40 mins what time will it end?

Amelia Ground, studies at St. Thomas More School (2023)
Answered Jan 30, 2019

15/50= 0.3 x 100= 30% work full-time. :3

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Arvind Koranne
Answered Feb 2, 2019

15÷50×100=30%.

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Stephen Davey, N.Z.C.E. Computer Programming, Christchurch Polytechnic Institute of Technology
Answered Jan 30, 2019

15 full time out of a total of 50

15/50*100/1=30%

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Larry Stark, BS Business, University of Colorado Boulder (1957)
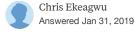Answered Feb 5, 2019 · Author has **840** answers and **37k** answer views

15/50=.30=30% full time

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Zach Paulin
Answered Jan 30, 2019

10 percent of 50 is 5. 5 x 3 = 15. Therefor, 10 percent times 3 is 30 percent.

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Chris Ekeagwu
Answered Jan 31, 2019

35/50 x 100/1= 70% are part time

Therefore 30% are full time

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Answered Feb 2, 2019

30%

Douglas Bell, Energy Conservation Finance Professional
Answered Jan 31, 2019

30

Related Questions

What percent of 25 is 20?

Fifteen men can repair a road in 28 days. How long will 35 men take to do so?

If 8 MenCans does a job in 5 days, how much time would 10 men do the same job?

What number is 25% percent of 124?

A work done by 12 men or 15 women in 20 days. What is the time taken by 4 men and 5 women to complete this?

John slept for 20 minutes. He fell asleep at 2:10 PM. What time did he wake up?

A is 15 years older than B. 10 years ago, A was four times B's age. What are their ages now?

One of the two whole numbers is 6 times the other, and their difference is 80. What is the number?

After 36 years, Rehan will be 5 times as old as he is now. What is his present age?

7 years from now Anil will be one and half times his present age. How old is Anil now?

A woman is 5 times as old as the daughter. Their total age is 48 years. What are their ages?

In 10 years, Claire will be 3 times of her age today. What is her age 8 years from now?

If Raman's age after 15 years will be 5 times his age 5 years back, what is the present age of Raman?

Sixteen years from now a girl's age will be 3 times her present age. What is the girl's age now?

In 20 years' time, Tushar will be four times the age he was four years ago. How old is Tushar now?

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