

Daily Dollar Questions 2017

Level 5

For Year 9, Year 10, Year 11 students.

Curriculum level 5.



What to do.

For students.

1. You may work in pairs or on your own and your teacher or parent can help you.
2. Do the questions.
3. If you are right you will get the dollar value for each question.
4. There are usually 5 questions each day.
5. Each day's questions total \$100 in value.
5. Your teacher will tell you the answers and then you can work out how many dollars you have earned for the day.
6. Add the dollars you have earned each day in the Daily Dollar Questions and get a total which you can compare at the end of the week with others in your class.
7. Perhaps your teacher may award a prize for the highest totals for the week!
8. Good luck !



2017

Daily Dollar Questions

Level 5.

Tuesday:

“Little Big League” movie maths question.

From the script of the very popular movie.

“Still doing your homework?”

“Yea.”

“You know we got a relatively big game today, kid.”

“Yea. Well I got a relatively big math tutor. Can't have this hanging over my head.”

“Um, Math ah. You know I've always heard that it helps to write it down.”

“If Joe can paint a house in 3 hours, and Sam can paint the same house in 5 hours, how long does it take for them to do it together?”

“Wait a minute. You never said that this was a word problem.

Scales! Get over here.”

“What's up man?”

“If I can paint a house in 3 hours and you can paint it in 5, how long will it take us to paint it together?”

“.....”

“Lonnie!! It takes me 3 hours to paint a house. It takes you 5.

How long to do it together?”

“What colour paint?”

“Its simple. 5 times 3 so thats 15.”

“No, no, no. Look it takes 8 hours. 5 + 3 that's 8. “

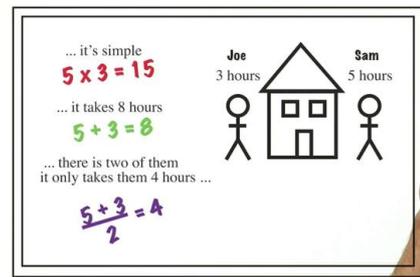
“Oh man, that's not right. Check it out. There's one, two of them, so it only takes 4 hours.”

“I should know this. My uncle's a painter.”

“Why don't they just get a house that's already painted?”

“You know maybe there is no answer. Maybe it's one of those trick questions. Ever think of that?”

“I don't know. I mean, 8 sounds good to me.”



Questions!

The 100 Dollar Question.

... it's simple
 $5 \times 3 = 15$

... it takes 8 hours
 $5 + 3 = 8$

... there is two of them
it only takes them 4 hours ...

$\frac{5 + 3}{2} = 4$

Joe
3 hours

Sam
5 hours

“If Joe can paint a house in 3 hours, and Sam can paint the same house in 5 hours, how long does it take for them to do it together?”

Your working must be shown!!