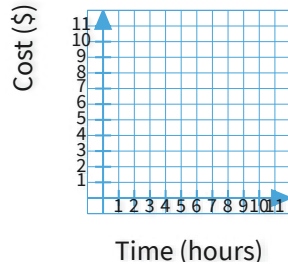


#1

Jack went to play lasertag at the local laser hole on afternoon. He paid \$3 for entry and \$1 for each hour he was there. Later when talking to William he found out that he also went but paid \$1 for entry, and \$3 per hour. After all this they realize they both spent the exactly same amount of money. How many much did they both spend? Write a system of equations, graph them, and solve the question.



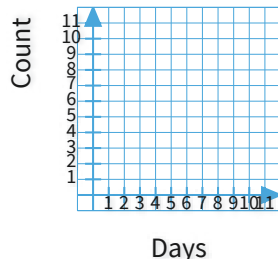
Jack  
William

- 2
- 7
- 5
- 4

Show your work

#2

Farmer Madison grows both zucchinis and pumpkins. Pumpkins ripen at a rate of about 1 per day, and Madison has already picked 7 of them. Zucchinis on the other hand ripen at about 3 per day. If Madison has 3 zucchinis already, at some point she will have an equal number of both. When this happens, how many of each type of gourd will she have? Write a system of equations, graph them, and solve the question.



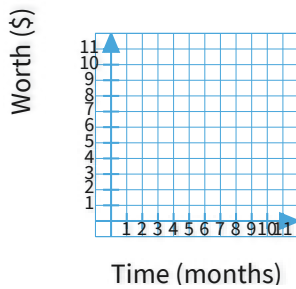
Pumpkins  
Zucchinis

- 9
- 10
- 11
- 6

Show your work

#3

Dayco and SupraBrite are competing companies. SupraBrite stock is currently worth \$3, and that increases by \$2 each month. Dayco stock on the other hand is currently worth \$6, which increases by about \$1 each month. Eventually their stocks will both be worth the same amount for a short amount of time. How much will both the companies be worth at this time? Write a system of equations, graph them, and solve the question.



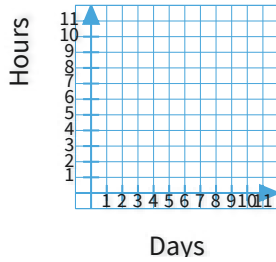
SupraBrite  
Dayco

- 12
- 8
- 11
- 9

Show your work

#4

Isabelle's and Madeline's dance teacher wants them to practice a certain number of hours each week. To do this Isabelle practices 4 hours each day, but on Monday she puts in 2 hours to get a head start. Madeline dances for 4 hours on Monday and then puts in 3 hours each day. Even though Isabelle and Madeline take different approaches they both finish putting in their hours on the same day. How many hours does their dance teacher want them to practice? Write a system of equations, graph them, and solve the question.



Isabelle  
Madeline

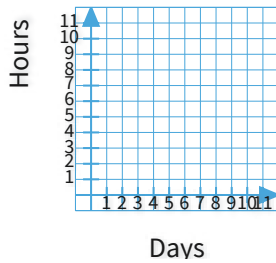
- 10
- 13

- 9
- 11

Show your work

#5

Jackson's and Makayla's dance teacher wants them to practice a certain number of hours each week. To do this Jackson practices 1 hour each day, but on Monday he puts in 6 hours to get a head start. Makayla dances for 2 hours on Monday and then puts in 2 hours each day. Even though Jackson and Makayla take different approaches they both finish putting in their hours on the same day. How many days will it take them to finish? Write a system of equations, graph them, and solve the question.



Jackson  
Makayla

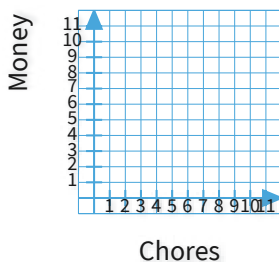
- 3
- 1

- 4
- 7

Show your work

#6

Matthew and Zoe are both saving up for the same science kit. Matthew has saved \$8 so far and makes \$1 for each chore he does at home. Zoe receives \$4 for each chore at home, and has already saved \$2. How much does the science kit cost? Write a system of equations, graph them, and solve the question.



Matthew  
Zoe

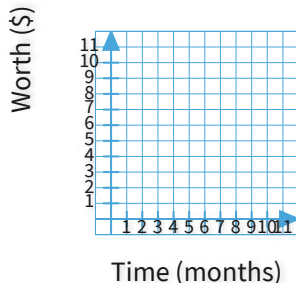
- 13
- 10

- 12
- 11

Show your work

#7

Dayco and SupraBrite are competing companies. SupraBrite stock is currently worth \$6, and that increases by \$4 each month. Dayco stock on the other hand is currently worth \$7, which increases by about \$3 each month. Eventually their stocks will both be worth the same amount for a short amount of time. How many months before that happens? Write a system of equations, graph them, and solve the question.



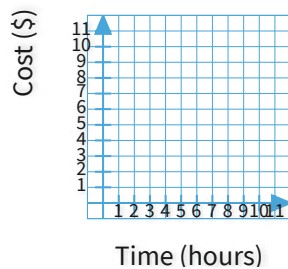
SupraBrite  
Dayco

- 4
- 3
- 2
- 1

Show your work

#8

Isabella went to play lasertag at the local laser hole on afternoon. She paid \$6 for entry and \$2 for each hour she was there. Later when talking to Dylan she found out that he also went but paid \$2 for entry, and \$4 per hour. After all this they realize they both spent the exactly same amount of money. How many much did they both spend? Write a system of equations, graph them, and solve the question.



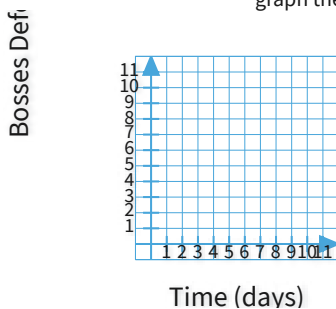
Isabella  
Dylan

- 11
- 10
- 12
- 13

Show your work

#9

Owen has defeated 2 bosses in Zombie Barber so far, and has been beating around 1 boss each day. His sister has also been playing and has beaten 1 boss. If his sister beats 2 bosses each day, how many days until they are both on the same boss? Write a system of equations, graph them, and solve the question.



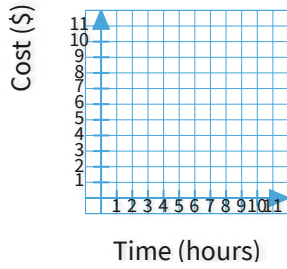
Owen  
Sister

- 3
- 4
- 2
- 1

Show your work

#10

Caleb went to play lasertag at the local laser hole on afternoon. He paid \$6 for entry and \$1 for each hour he was there. Later when talking to Darren he found out that he also went but paid \$2 for entry, and \$2 per hour. After all this they realize they both spent the exactly same amount of money. How many much did they both spend? Write a system of equations, graph them, and solve the question.



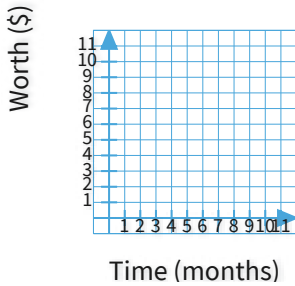
Caleb  
Darren

- 8
- 11
- 10
- 9

Show your work

#11

Dayco and SupraBrite are competing companies. SupraBrite stock is currently worth \$5, and that increases by \$1 each month. Dayco stock on the other hand is currently worth \$1, which increases by about \$3 each month. Eventually their stocks will both be worth the same amount for a short amount of time. How many months before that happens? Write a system of equations, graph them, and solve the question.



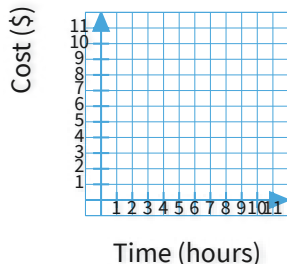
SupraBrite  
Dayco

- 3
- 5
- 1
- 2

Show your work

#12

Mackenzie went to play lasertag at the local laser hole on afternoon. She paid \$6 for entry and \$1 for each hour she was there. Later when talking to Alexa she found out that she also went but paid \$2 for entry, and \$2 per hour. After all this they realize they both spent the exactly same amount of money. How many hours did they both spend? Write a system of equations, graph them, and solve the question.



Mackenzie  
Alexa

- 4
- 5
- 7
- 6

Show your work

Question	Answer
#1	choice 4
#2	choice 1
#3	choice 4
#4	choice 1
#5	choice 2
#6	choice 3
#7	choice 4
#8	choice 2
#9	choice 4
#10	choice 3
#11	choice 4
#12	choice 1