

#1

Solve for x :

$$5x + 24 = 54$$

#2

Solve for h :

$$12h - 4 = 32$$

#3

Solve for n :

$$3n + 24 = 123$$

#4

Solve for d :

$$10d + 14 = 104$$

#5

Solve for n :

$$3n + 2n - 17 = 38$$

#6

Solve for y :

$$7y + 3y - 2y + 12 = 60$$

#7

Solve for x :

$$x + 3x - 19 = 17$$

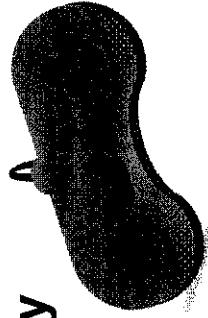
#8

Solve for x :

$$7x - 3x + 11 = 27$$

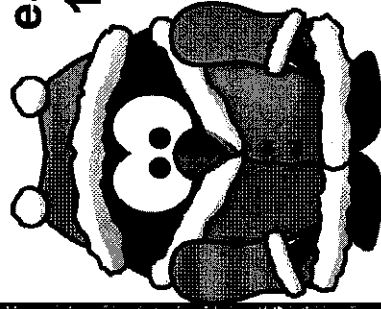
#9

Joel earns \$11 an hour mowing his neighbor's lawn. He wants to earn enough money to buy a new video game for \$60. He's already saved up \$16. How many hours will he need to work to be able to buy his game?



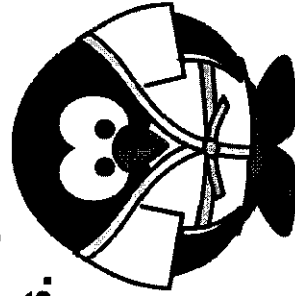
#10

Polly the penguin eats a lot of fish. Her trainer gives her 4 small fish at each meal time. She eats 16 fish a day. Write an equation to find how many meal times Polly has each day. Solve.



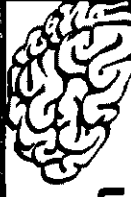
#11

Jonah bought a gym membership for \$20 per month. He pays an additional \$4 each time he attends a mixed martial arts class. He has spent \$108 over the last four months. How many mixed martial arts classes has he attended?



#12

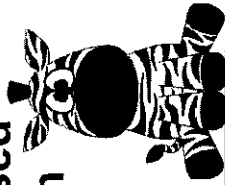
The zombie family on vacation devour brains at a rate of 18 brains a day from the hotel restaurant. The restaurant also needs 5 brains to serve for a zombie that will come tomorrow for brunch. They currently have 59 brains in the restaurant refrigerator. How many days until they need to buy more? Write an equation and solve.



#13

The students of Eagleridge Junior High are raising money to build a new penguin habitat at the local zoo. On the first day of the coin drive they collected n dollars. On the second day they raised twice that amount. On the third day they raised \$56 dollars. Altogether the students raised \$155. How much money was raised

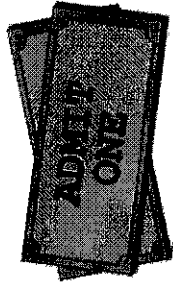
on the first day? Write an equation and solve.



#14

Tony joined a summer movie club this year for \$25 dollars. With his membership he can attend a free movie each week. He also buys a snack pack for \$7 each time he attends a movie. He has spent \$88 watching the summer movie club movies this

How many movies has he gone to?



#15

Amy is participating in a fitness competition. She wears a fitness tracker to keep track of how many steps she takes each day. The first day she recorded 8,500 steps. That turned out to be her lowest day. The next 4 days she recorded the same number of steps each day, and at the end of the 5 days she has a total of 45,300 steps. What was her daily step total for the second day of the challenge?



#16

Leonard is baking cookies for the band fundraiser. He knows that he can sell each cookie for \$1.25. His mom has also donated \$25. Altogether he expects that between selling his cookies and the money from his mom the band will receive \$67.50. How many cookies did he bring to the fundraiser?



#17

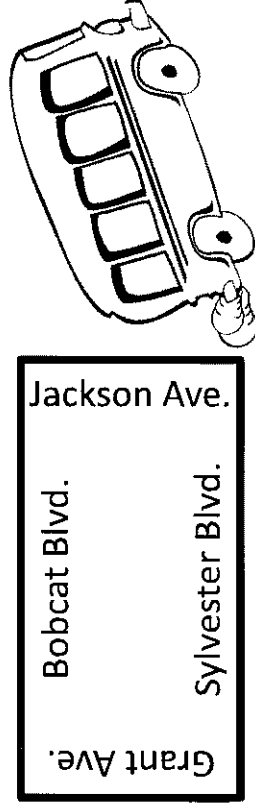
The perimeter of a rectangle is 24m. Its length is 8 m. What is its width? Write an equation and solve.

#18

The perimeter of a rectangle is 40 cm. Its length is 9 cm. What is its width? Write an equation and solve.

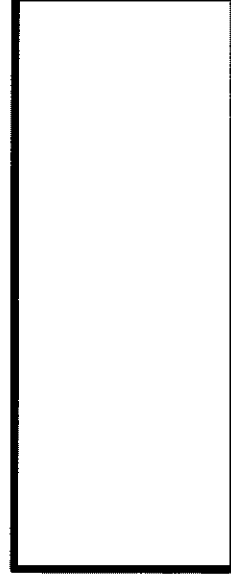
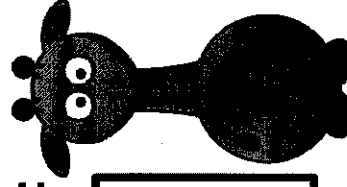
#19

Marvin drives a bus on the same route every hour. He travels 23 miles for each route. He drives 4.5 miles on Grant Avenue. Use the figure below to write an equation to find how far he drives on Bobcat Blvd. Solve.



#20

The fence around the giraffe enclosure needs to be replaced. The total perimeter of fence is 420 yards. Write an equation to show how to determine the length of the enclosure and solve:



#21

Write a story problem that can be represented with the following equation:

$$5x + 10 = 35$$

#23

Write a story problem that can be represented with the following equation:

$$7.5x + 15 = 30$$

#22

Write a story problem that can be represented with the following equation:

$$2x + 16 = 22$$

#24

Write a story problem that can be represented with the following equation:

$$8x + 3 = 27$$