Systems of Equations Word Problems · 1

Gym A charges a $24 joining fee plus $34 per month. Gym B charges a $72 joining fee plus $26 per month. After how many months do the two gyms cost the same?

Systems of Equations Word Problems · 2

A school play sold 139 tickets. Adult tickets cost $13 and child tickets cost $9. The play earned $1491. How many adult tickets were sold?

Systems of Equations Word Problems · 3

The sum of two numbers is 15 and their difference is 9. What is the smaller number?

Systems of Equations Word Problems · 4

A farm has chickens and cows. Together they have 37 heads and 84 legs. How many cows are on the farm?

Systems of Equations Word Problems · 5

A test has 26 questions worth 91 points in all. Some questions are worth 2 points and the rest are worth 5 points. How many 5-point questions are on the test?

Systems of Equations Word Problems · 6

A school play sold 62 tickets. Adult tickets cost $10 and child tickets cost $7. The play earned $575. How many child tickets were sold?

Systems of Equations Word Problems · 7

The sum of two numbers is 108 and their difference is 12. What is the smaller number?

Systems of Equations Word Problems · 8

Mia has 41 coins, all dimes and quarters, worth $7.55 in total. How many quarters does she have?

Systems of Equations Word Problems · 2

ANSWER

60

Systems of Equations Word Problems · 1

ANSWER

6

Systems of Equations Word Problems · 4

ANSWER

5

Systems of Equations Word Problems · 3

ANSWER

3

Systems of Equations Word Problems · 6

ANSWER

15

Systems of Equations Word Problems · 5

ANSWER

13

Systems of Equations Word Problems · 8

ANSWER

23

Systems of Equations Word Problems · 7

ANSWER

48

Systems of Equations Word Problems · 9

Gym A charges a $33 joining fee plus $20 per month. Gym B charges a $129 joining fee plus $8 per month. After how many months do the two gyms cost the same?

Systems of Equations Word Problems · 10

A school play sold 89 tickets. Adult tickets cost $14 and child tickets cost $11. The play earned $1051. How many adult tickets were sold?

Systems of Equations Word Problems · 11

A test has 22 questions worth 65 points in all. Some questions are worth 2 points and the rest are worth 5 points. How many 5-point questions are on the test?

Systems of Equations Word Problems · 12

The sum of two numbers is 75. The larger number is 3 more than 3 times the smaller number. What is the larger number?

Systems of Equations Word Problems · 13

A farm has chickens and cows. Together they have 27 heads and 66 legs. How many chickens are on the farm?

Systems of Equations Word Problems · 14

A school play sold 113 tickets. Adult tickets cost $8 and child tickets cost $5. The play earned $700. How many adult tickets were sold?

Systems of Equations Word Problems · 15

The sum of two numbers is 62. The larger number is 8 more than 2 times the smaller number. What is the larger number?

Systems of Equations Word Problems · 16

Mia has 44 coins, all dimes and quarters, worth $8.15 in total. How many quarters does she have?

Systems of Equations Word Problems · 10

ANSWER

24

Systems of Equations Word Problems · 9

ANSWER

8

Systems of Equations Word Problems · 12

ANSWER

57

Systems of Equations Word Problems · 11

ANSWER

7

Systems of Equations Word Problems · 14

ANSWER

45

Systems of Equations Word Problems · 13

ANSWER

21

Systems of Equations Word Problems · 16

ANSWER

25

Systems of Equations Word Problems · 15

ANSWER

44

Systems of Equations Word Problems · 17

A school play sold 117 tickets. Adult tickets cost $10 and child tickets cost $3. The play earned $519. How many child tickets were sold?

Systems of Equations Word Problems · 18

Mia has 57 coins, all dimes and quarters, worth $10.35 in total. How many quarters does she have?

Systems of Equations Word Problems · 19

A school play sold 133 tickets. Adult tickets cost $11 and child tickets cost $5. The play earned $1163. How many child tickets were sold?

Systems of Equations Word Problems · 20

Gym A charges a $26 joining fee plus $21 per month. Gym B charges a $104 joining fee plus $8 per month. After how many months do the two gyms cost the same?

Systems of Equations Word Problems · 21

A farm has chickens and cows. Together they have 23 heads and 64 legs. How many cows are on the farm?

Systems of Equations Word Problems · 22

The sum of two numbers is 75. The larger number is 10 more than 4 times the smaller number. What is the larger number?

Systems of Equations Word Problems · 23

The sum of two numbers is 53. The larger number is 9 more than 3 times the smaller number. What is the larger number?

Systems of Equations Word Problems · 24

A test has 68 questions worth 184 points in all. Some questions are worth 2 points and the rest are worth 5 points. How many 5-point questions are on the test?

Systems of Equations Word Problems · 18

ANSWER

31

Systems of Equations Word Problems · 17

ANSWER

93

Systems of Equations Word Problems · 20

ANSWER

6

Systems of Equations Word Problems · 19

ANSWER

50

Systems of Equations Word Problems · 22

ANSWER

62

Systems of Equations Word Problems · 21

ANSWER

9

Systems of Equations Word Problems · 24

ANSWER

16

Systems of Equations Word Problems · 23

ANSWER

42