Systems of Equations Word Problems · 1

The sum of two numbers is 41 and their difference is 11. What is the smaller number?

Systems of Equations Word Problems · 2

A school play sold 50 tickets. Adult tickets cost $8 and child tickets cost $5. The play earned $280. How many adult tickets were sold?

Systems of Equations Word Problems · 3

Mia has 27 coins, all dimes and quarters, worth $5.10 in total. How many quarters does she have?

Systems of Equations Word Problems · 4

The sum of two numbers is 12 and their difference is 2. What is the smaller number?

Systems of Equations Word Problems · 5

A school play sold 42 tickets. Adult tickets cost $12 and child tickets cost $10. The play earned $482. How many child tickets were sold?

Systems of Equations Word Problems · 6

A test has 13 questions worth 38 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 · 7

Gym A charges a $22 joining fee plus $28 per month. Gym B charges a $148 joining fee plus $7 per month. After how many months do the two gyms cost the same?

Systems of Equations Word Problems · 8

A farm has chickens and cows. Together they have 16 heads and 48 legs. How many chickens are on the farm?

Systems of Equations Word Problems · 2

ANSWER

10

Systems of Equations Word Problems · 1

ANSWER

15

Systems of Equations Word Problems · 4

ANSWER

5

Systems of Equations Word Problems · 3

ANSWER

16

Systems of Equations Word Problems · 6

ANSWER

4

Systems of Equations Word Problems · 5

ANSWER

11

Systems of Equations Word Problems · 8

ANSWER

8

Systems of Equations Word Problems · 7

ANSWER

6

Systems of Equations Word Problems · 9

A school play sold 37 tickets. Adult tickets cost $8 and child tickets cost $6. The play earned $270. How many child tickets were sold?

Systems of Equations Word Problems · 10

A school play sold 41 tickets. Adult tickets cost $14 and child tickets cost $5. The play earned $358. How many child tickets were sold?

Systems of Equations Word Problems · 11

A test has 24 questions worth 69 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 37 and their difference is 21. What is the smaller number?

Systems of Equations Word Problems · 13

A farm has chickens and cows. Together they have 26 heads and 66 legs. How many cows are on the farm?

Systems of Equations Word Problems · 14

Gym A charges a $33 joining fee plus $32 per month. Gym B charges a $58 joining fee plus $27 per month. After how many months do the two gyms cost the same?

Systems of Equations Word Problems · 15

Mia has 22 coins, all dimes and quarters, worth $4.45 in total. How many quarters does she have?

Systems of Equations Word Problems · 16

The sum of two numbers is 12 and their difference is 4. What is the smaller number?

Systems of Equations Word Problems · 10

ANSWER

24

Systems of Equations Word Problems · 9

ANSWER

13

Systems of Equations Word Problems · 12

ANSWER

8

Systems of Equations Word Problems · 11

ANSWER

7

Systems of Equations Word Problems · 14

ANSWER

5

Systems of Equations Word Problems · 13

ANSWER

7

Systems of Equations Word Problems · 16

ANSWER

4

Systems of Equations Word Problems · 15

ANSWER

15

Systems of Equations Word Problems · 17

A test has 50 questions worth 148 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

The sum of two numbers is 46 and their difference is 28. What is the smaller number?

Systems of Equations Word Problems · 19

A school play sold 103 tickets. Adult tickets cost $13 and child tickets cost $6. The play earned $814. How many adult tickets were sold?

Systems of Equations Word Problems · 20

A farm has chickens and cows. Together they have 38 heads and 90 legs. How many cows are on the farm?

Systems of Equations Word Problems · 21

Mia has 65 coins, all dimes and quarters, worth $11.90 in total. How many quarters does she have?

Systems of Equations Word Problems · 22

Gym A charges a $21 joining fee plus $23 per month. Gym B charges a $101 joining fee plus $13 per month. After how many months do the two gyms cost the same?

Systems of Equations Word Problems · 23

A school play sold 105 tickets. Adult tickets cost $10 and child tickets cost $5. The play earned $680. How many adult tickets were sold?

Systems of Equations Word Problems · 24

The sum of two numbers is 32 and their difference is 26. What is the smaller number?

Systems of Equations Word Problems · 18

ANSWER

9

Systems of Equations Word Problems · 17

ANSWER

16

Systems of Equations Word Problems · 20

ANSWER

7

Systems of Equations Word Problems · 19

ANSWER

28

Systems of Equations Word Problems · 22

ANSWER

8

Systems of Equations Word Problems · 21

ANSWER

36

Systems of Equations Word Problems · 24

ANSWER

3

Systems of Equations Word Problems · 23

ANSWER

31