Task card 1 Word Problems

A farm has chickens (x) and cows (y). There are 5 heads and 16 legs. How many chickens and cows are there?

Task card 2 Word Problems

A rental shop has bicycles (x) and tricycles (y). There are 15 of them with 39 wheels in total. How many bicycles and tricycles are there?

Task card 3 Word Problems

A jar has 9 coins, all quarters (x) and dimes (y). Together they are worth 135 cents. How many of each coin are there?

Task card 4 Word Problems

A school play sold 14 tickets for $85. Adult tickets (x) cost $8 and student tickets (y) cost $5. How many of each were sold?

Task card 5 Word Problems

The sum of two numbers x and y is 22 and their difference $x - y$ is 4. Find x and y.

Task card 6 Word Problems

A test has 12 questions worth 39 points in all. Some are worth 2 points (x) and the rest 5 points (y). How many of each kind are there?

Task card 7 Word Problems

Mia (x) is 21 years older than her cousin Leo (y). Together their ages add up to 43. How old is each?

Task card 8 Word Problems

Sandwiches (x) cost $4 and drinks (y) cost $2. A group buys 22 items for $66. How many sandwiches and drinks did they buy?

Task card 9 Word Problems

The sum of two numbers x and y is 28 and their difference x − y is 10. Find x and y.

Task card 10 Word Problems

Sandwiches (x) cost $4 and drinks (y) cost $2. A group buys 20 items for $52. How many sandwiches and drinks did they buy?

Task card 11 Word Problems

A school play sold 14 tickets for $97. Adult tickets (x) cost $8 and student tickets (y) cost $5. How many of each were sold?

Task card 12 Word Problems

A farm has chickens (x) and cows (y). There are 22 heads and 64 legs. How many chickens and cows are there?

Task card 13 Word Problems

Mia (x) is 21 years older than her cousin Leo (y). Together their ages add up to 49. How old is each?

Task card 14 Word Problems

A rental shop has bicycles (x) and tricycles (y). There are 20 of them with 47 wheels in total. How many bicycles and tricycles are there?

Task card 15 Word Problems

A test has 26 questions worth 94 points in all. Some are worth 2 points (x) and the rest 5 points (y). How many of each kind are there?

Task card 16 Word Problems

A jar has 24 coins, all quarters (x) and dimes (y). Together they are worth 420 cents. How many of each coin are there?

Task card 17 Word Problems

A farm has chickens (x) and cows (y). There are 26 heads and 74 legs. How many chickens and cows are there?

Task card 18 Word Problems

Sandwiches (x) cost $4 and drinks (y) cost $2. A group buys 22 items for $64. How many sandwiches and drinks did they buy?

Task card 19 Word Problems

A rental shop has bicycles (x) and tricycles (y). There are 28 of them with 71 wheels in total. How many bicycles and tricycles are there?

Task card 20 Word Problems

A jar has 22 coins, all quarters (x) and dimes (y). Together they are worth 385 cents. How many of each coin are there?

Task card 21 Word Problems

Mia (x) is 23 years older than her cousin Leo (y). Together their ages add up to 37. How old is each?

Task card 22 Word Problems

A school play sold 17 tickets for $103. Adult tickets (x) cost $8 and student tickets (y) cost $5. How many of each were sold?

Task card 23 Word Problems

The sum of two numbers x and y is 34 and their difference $x - y$ is 10. Find x and y.

Task card 24 Word Problems

A test has 13 questions worth 41 points in all. Some are worth 2 points (x) and the rest 5 points (y). How many of each kind are there?

Word Problems Task Cards

Recording sheet · Grade 9 · Read each problem and solve for both unknowns.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Word Problems Task Cards: Answer Key

Grade 9 · Easy

The answers online

1. x = 2, y = 3	**2.** x = 6, y = 9	**3.** x = 3, y = 6
4. x = 5, y = 9	**5.** x = 13, y = 9	**6.** x = 7, y = 5
7. x = 32, y = 11	**8.** x = 11, y = 11	**9.** x = 19, y = 9
10. x = 6, y = 14	**11.** x = 9, y = 5	**12.** x = 12, y = 10
13. x = 35, y = 14	**14.** x = 13, y = 7	**15.** x = 12, y = 14
16. x = 12, y = 12	**17.** x = 15, y = 11	**18.** x = 10, y = 12
19. x = 13, y = 15	**20.** x = 11, y = 11	**21.** x = 30, y = 7
22. x = 6, y = 11	**23.** x = 22, y = 12	**24.** x = 8, y = 5