Task card 1 Word Problems

A school play sold 37 tickets for $215. Adult tickets (x) cost $8 and student tickets (y) cost $5. How many of each were sold?

Task card 2 Word Problems

Mia (x) is 48 years older than her cousin Leo (y). Together their ages add up to 96. How old is each?

Task card 3 Word Problems

The sum of two numbers x and y is 26 and their difference x − y is 10. Find x and y.

Task card 4 Word Problems

A test has 28 questions worth 104 points in all. Some are worth 2 points (x) and the rest 5 points (y). How many of each kind are there?

Task card 5 Word Problems

A rental shop has bicycles (x) and tricycles (y). There are 41 of them with 94 wheels in total. How many bicycles and tricycles are there?

Task card 6 Word Problems

A farm has chickens (x) and cows (y). There are 28 heads and 86 legs. How many chickens and cows are there?

Task card 7 Word Problems

A jar has 34 coins, all quarters (x) and dimes (y). Together they are worth 640 cents. How many of each coin are there?

Task card 8 Word Problems

Sandwiches (x) cost $4 and drinks (y) cost $2. A group buys 38 items for $106. How many sandwiches and drinks did they buy?

Task card 9 Word Problems

A farm has chickens (x) and cows (y). There are 28 heads and 66 legs. How many chickens and cows are there?

Task card 10 Word Problems

A rental shop has bicycles (x) and tricycles (y). There are 24 of them with 56 wheels in total. How many bicycles and tricycles are there?

Task card 11 Word Problems

The sum of two numbers x and y is 28 and their difference $x - y$ is 6. Find x and y.

Task card 12 Word Problems

A school play sold 32 tickets for $193. Adult tickets (x) cost $8 and student tickets (y) cost $5. How many of each were sold?

Task card 13 Word Problems

A test has 37 questions worth 128 points in all. Some are worth 2 points (x) and the rest 5 points (y). How many of each kind are there?

Task card 14 Word Problems

A jar has 18 coins, all quarters (x) and dimes (y). Together they are worth 360 cents. How many of each coin are there?

Task card 15 Word Problems

Mia (x) is 14 years older than her cousin Leo (y). Together their ages add up to 38. How old is each?

Task card 16 Word Problems

Sandwiches (x) cost $4 and drinks (y) cost $2. A group buys 44 items for $144. How many sandwiches and drinks did they buy?

Task card 17 Word Problems

A farm has chickens (x) and cows (y). There are 41 heads and 110 legs. How many chickens and cows are there?

Task card 18 Word Problems

The sum of two numbers x and y is 53 and their difference $x - y$ is 3. Find x and y.

Task card 19 Word Problems

Sandwiches (x) cost $4 and drinks (y) cost $2. A group buys 12 items for $42. How many sandwiches and drinks did they buy?

Task card 20 Word Problems

A test has 32 questions worth 100 points in all. Some are worth 2 points (x) and the rest 5 points (y). How many of each kind are there?

Task card 21 Word Problems

A jar has 49 coins, all quarters (x) and dimes (y). Together they are worth 850 cents. How many of each coin are there?

Task card 22 Word Problems

A rental shop has bicycles (x) and tricycles (y). There are 29 of them with 65 wheels in total. How many bicycles and tricycles are there?

Task card 23 Word Problems

A school play sold 39 tickets for $228. Adult tickets (x) cost $8 and student tickets (y) cost $5. How many of each were sold?

Task card 24 Word Problems

Mia (x) is 23 years older than her cousin Leo (y). Together their ages add up to 27. How old is each?

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 · Hard

The answers online

1. x = 10, y = 27	**2.** x = 72, y = 24	**3.** x = 18, y = 8
4. x = 12, y = 16	**5.** x = 29, y = 12	**6.** x = 13, y = 15
7. x = 20, y = 14	**8.** x = 15, y = 23	**9.** x = 23, y = 5
10. x = 16, y = 8	**11.** x = 17, y = 11	**12.** x = 11, y = 21
13. x = 19, y = 18	**14.** x = 12, y = 6	**15.** x = 26, y = 12
16. x = 28, y = 16	**17.** x = 27, y = 14	**18.** x = 28, y = 25
19. x = 9, y = 3	**20.** x = 20, y = 12	**21.** x = 24, y = 25
22. x = 22, y = 7	**23.** x = 11, y = 28	**24.** x = 25, y = 2