Task card 1 Word Problems

A job pays $15000 in the first year, with a raise of $5000 every year after. What is the pay in year 5?

Task card 2 Word Problems

A phone plan costs C(g) = 40g + 14 dollars a month, where g is gigabytes used. One month the bill is $54. How many gigabytes were used?

Task card 3 Word Problems

Cans are stacked in a triangle: 1 can on top, 2 in the next row, 3 in the next, and so on. How many cans are in a stack with 7 rows?

Task card 4 Word Problems

A company's profit (in dollars) after m months is modeled by P(m) = 7m + 10. What is the profit after 4 months?

Task card 5 Word Problems

A theater has 15 seats in the first row, and each row has 5 more seats than the row before it. How many seats are in row 7?

Task card 6 Word Problems

A cup of tea cools so that its temperature after t minutes is T(t) = 156 − 3t degrees. After how many minutes is it 60 degrees?

Task card 7 Word Problems

Rae saves $23 the first week and $4 more each week than the week before. How much has she saved in total after 7 weeks?

Task card 8 Word Problems

Celsius is given by $C(F) = (\frac{5}{9})(F - 32)$. What is -13°F in degrees Celsius?

Task card 9 Word Problems

A ball is dropped from 64 feet. Each bounce reaches half the height of the one before. How high does it go on bounce 4?

Task card 10 Word Problems

A cup of tea cools so that its temperature after t minutes is $T(t) = 84 - 2t$ degrees. After how many minutes is it 60 degrees?

Task card 11 Word Problems

A job pays $26000 in the first year, with a raise of $3500 every year after. What is the pay in year 11?

Task card 12 Word Problems

Celsius is given by $C(F) = (\frac{5}{9})(F - 32)$. What is 41°F in degrees Celsius?

Task card 13 Word Problems

Rae saves $17 the first week and $9 more each week than the week before. How much has she saved in total after 7 weeks?

Task card 14 Word Problems

A company's profit (in dollars) after m months is modeled by P(m) = 2m - 1. What is the profit after 1 month?

Task card 15 Word Problems

A theater has 27 seats in the first row, and each row has 3 more seats than the row before it. How many seats are in row 7?

Task card 16 Word Problems

A phone plan costs C(g) = 40g + 14 dollars a month, where g is gigabytes used. One month the bill is $214. How many gigabytes were used?

Task card 17 Word Problems

A job pays $13000 in the first year, with a raise of $1000 every year after. What is the pay in year 5?

Task card 18 Word Problems

A phone plan costs C(g) = 20g + 8 dollars a month, where g is gigabytes used. One month the bill is $188. How many gigabytes were used?

Task card 19 Word Problems

A company's profit (in dollars) after m months is modeled by $P(m) = 2m + 5$. What is the profit after 11 months?

Task card 20 Word Problems

A theater has 20 seats in the first row, and each row has 10 more seats than the row before it. How many seats are in row 9?

Task card 21 Word Problems

Celsius is given by $C(F) = \left(\frac{5}{9}\right)(F - 32)$. What is 50°F in degrees Celsius?

Task card 22 Word Problems

A theater has 30 seats in the first row, and each row has 6 more seats than the row before it. How many seats are in row 5?

Task card 23 Word Problems

A phone plan costs $C(g) = 15g + 2$ dollars a month, where g is gigabytes used. One month the bill is $62. How many gigabytes were used?

Task card 24 Word Problems

A job pays $13000 in the first year, with a raise of $3000 every year after. What is the pay in year 7?

Word Problems Task Cards

Recording sheet · Grade 12 · Read each problem and solve.

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 12 · Hard

The answers online

1. 35000	**2.** 1	**3.** 28
4. 38	**5.** 45	**6.** 32
7. 245	**8.** -25	**9.** 4
10. 12	**11.** 61000	**12.** 5
13. 308	**14.** 1	**15.** 45
16. 5	**17.** 17000	**18.** 9
19. 27	**20.** 100	**21.** 10
22. 54	**23.** 4	**24.** 31000