Task card 1 Word Problems

A theater has 14 seats in the first row, and each row has 4 more seats than the row before it. How many seats are in row 6?

Task card 2 Word Problems

A phone plan costs C(g) = 20g + 6 dollars a month, where g is gigabytes used. One month the bill is $166. How many gigabytes were used?

Task card 3 Word Problems

Rae saves $19 the first week and $3 more each week than the week before. How much has she saved in total after 6 weeks?

Task card 4 Word Problems

A company's profit (in dollars) after m months is modeled by P(m) = 4m + 8. What is the profit after 6 months?

Task card 5 Word Problems

A job pays $10000 in the first year, with a raise of $1000 every year after. What is the pay in year 6?

Task card 6 Word Problems

A cup of tea cools so that its temperature after t minutes is T(t) = 220 − 4t degrees. After how many minutes is it 60 degrees?

Task card 7 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 8 rows?

Task card 8 Word Problems

Celsius is given by $C(F) = \frac{5}{9}(F - 32)$. What is -58°F in degrees Celsius?

Task card 9 Word Problems

Rae saves $11 the first week and $3 more each week than the week before. How much has she saved in total after 6 weeks?

Task card 10 Word Problems

A phone plan costs C(g) = 15g + 8 dollars a month, where g is gigabytes used. One month the bill is $23. How many gigabytes were used?

Task card 11 Word Problems

A ball is dropped from 4 feet. Each bounce reaches half the height of the one before. How high does it go on bounce 2?

Task card 12 Word Problems

A company's profit (in dollars) after m months is modeled by P(m) = 3m + 4. What is the profit after 4 months?

Task card 13 Word Problems

A theater has 15 seats in the first row, and each row has 4 more seats than the row before it. How many seats are in row 5?

Task card 14 Word Problems

Celsius is given by $C(F) = \frac{5}{9}(F - 32)$. What is -49°F in degrees Celsius?

Task card 15 Word Problems

A job pays $22000 in the first year, with a raise of $1500 every year after. What is the pay in year 9?

Task card 16 Word Problems

A cup of tea cools so that its temperature after t minutes is $T(t) = 144 - 3t$ degrees. After how many minutes is it 60 degrees?

Task card 17 Word Problems

A job pays $22000 in the first year, with a raise of $2000 every year after. What is the pay in year 5?

Task card 18 Word Problems

A cup of tea cools so that its temperature after t minutes is $T(t) = 156 - 2t$ degrees. After how many minutes is it 60 degrees?

Task card 19 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 20 Word Problems

A company's profit (in dollars) after m months is modeled by $P(m) = 2m - 3$. What is the profit after 4 months?

Task card 21 Word Problems

Rae saves $19 the first week and $6 more each week than the week before. How much has she saved in total after 6 weeks?

Task card 22 Word Problems

A phone plan costs $C(g) = 25g + 8$ dollars a month, where g is gigabytes used. One month the bill is $183. How many gigabytes were used?

Task card 23 Word Problems

A theater has 27 seats in the first row, and each row has 6 more seats than the row before it. How many seats are in row 11?

Task card 24 Word Problems

Celsius is given by $C(F) = (\frac{5}{9})(F - 32)$. What is 104°F in degrees Celsius?

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 · Easy

The answers online

1. 34	**2.** 8	**3.** 159
4. 32	**5.** 15000	**6.** 40
7. 36	**8.** -50	**9.** 111
10. 1	**11.** 1	**12.** 16
13. 31	**14.** -45	**15.** 34000
16. 28	**17.** 30000	**18.** 48
19. 28	**20.** 5	**21.** 204
22. 7	**23.** 87	**24.** 40