Task card 1 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 2 Word Problems

A cup of tea cools so that its temperature after t minutes is $T(t) = 120 - 3t$ degrees. After how many minutes is it 60 degrees?

Task card 3 Word Problems

A job pays $14000 in the first year, with a raise of $3000 every year after. What is the pay in year 9?

Task card 4 Word Problems

A company's profit (in dollars) after m months is modeled by $P(m) = 7m - 3$. What is the profit after 10 months?

Task card 5 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 6 rows?

Task card 6 Word Problems

A phone plan costs $C(g) = 20g + 6$ dollars a month, where g is gigabytes used. One month the bill is $186. How many gigabytes were used?

Task card 7 Word Problems

A ball is dropped from 16 feet. Each bounce reaches half the height of the one before. How high does it go on bounce 3?

Task card 8 Word Problems

Celsius is given by $C(F) = \frac{5}{9}(F - 32)$. What is 122°F in degrees Celsius?

Task card 9 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 10 Word Problems

Celsius is given by $C(F) = \frac{5}{9}(F - 32)$. What is 59°F in degrees Celsius?

Task card 11 Word Problems

Rae saves $10 the first week and $5 more each week than the week before. How much has she saved in total after 11 weeks?

Task card 12 Word Problems

A cup of tea cools so that its temperature after t minutes is $T(t) = 324 - 6t$ degrees. After how many minutes is it 60 degrees?

Task card 13 Word Problems

A ball is dropped from 80 feet. Each bounce reaches half the height of the one before. How high does it go on bounce 4?

Task card 14 Word Problems

A company's profit (in dollars) after m months is modeled by P(m) = 8m - 5. What is the profit after 2 months?

Task card 15 Word Problems

A theater has 12 seats in the first row, and each row has 4 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) = 15g + 2 dollars a month, where g is gigabytes used. One month the bill is $17. How many gigabytes were used?

Task card 17 Word Problems

A theater has 24 seats in the first row, and each row has 8 more seats than the row before it. How many seats are in row 8?

Task card 18 Word Problems

A phone plan costs C(g) = 20g + 4 dollars a month, where g is gigabytes used. One month the bill is $224. How many gigabytes were used?

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 cup of tea cools so that its temperature after t minutes is $T(t) = 116 - 7t$ degrees. After how many minutes is it 60 degrees?

Task card 21 Word Problems

A job pays $25000 in the first year, with a raise of $3000 every year after. What is the pay in year 8?

Task card 22 Word Problems

Celsius is given by $C(F) = \left(\frac{5}{9}\right)(F - 32)$. What is 68°F in degrees Celsius?

Task card 23 Word Problems

A company's profit (in dollars) after m months is modeled by $P(m) = 2m + 7$. What is the profit after 3 months?

Task card 24 Word Problems

A job pays $25000 in the first year, with a raise of $1000 every year after. What is the pay in year 11?

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 · Medium

The answers online

1. 159	**2.** 20	**3.** 38000
4. 67	**5.** 21	**6.** 9
7. 2	**8.** 50	**9.** 36
10. 15	**11.** 385	**12.** 44
13. 5	**14.** 11	**15.** 36
16. 1	**17.** 80	**18.** 11
19. 28	**20.** 8	**21.** 46000
22. 20	**23.** 13	**24.** 35000