The following are a selection of rich review "Task" questions.
Please try the following on a separate piece of paper.

6   Part-Time Job

Ezre works part-time at a clothing store. He earns $80 per week plus 6% of the value of his weekly sales.

This week Ezre earns $119.

What is the total value of his sales this week?

Show your work.

13   What's the Charge?

The table below represents the linear relationship between cost and repair time at an appliance store.

Repair time, t (h)	Cost, C ($)
3	205
6	385
8	505

Determine the initial value of this relationship. Show your work.

Initial value: _____

22   The New Line

A line has

- the same slope as the line represented by $4x - 3y + 15 = 0$ and

- the same y-intercept as the line represented by $2x + y + 6 = 0$.

Determine an equation of this line.

Show your work.

14   Getting Paid

Hannah's total pay includes a base salary and a percent of her sales.

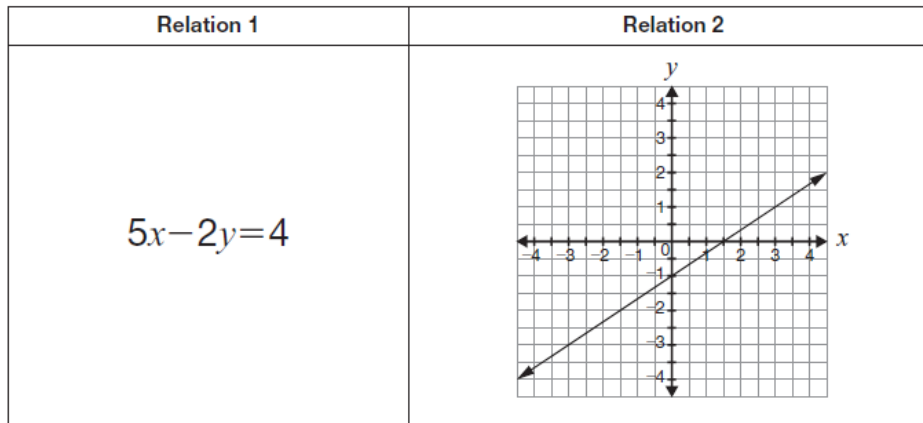The following table shows her total pay for three different sales levels.

Sales ($)	Total pay ($)
15 000	1700
17 500	1825
28 000	2350

Determine Hannah's total pay when her sales are $47 000.

Show your work.

Hit the Slopes
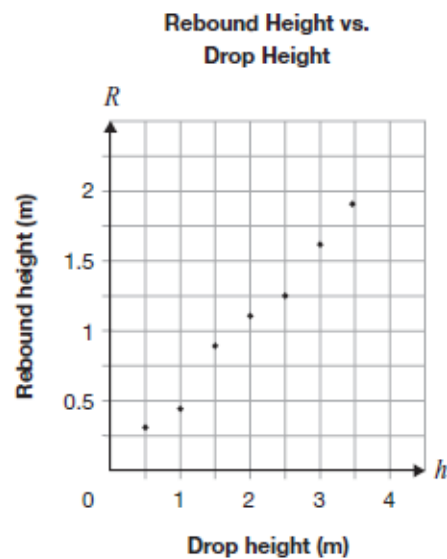
Consider the two relations represented below.

Relation 1	Relation 2
$5x-2y=4$	

Determine the slope of the line representing each relation.

Show your work.

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13 **Follow the Bouncing Ball**

This scatter plot shows the relationship between the rebound height of a ball and the height from which the ball is dropped.
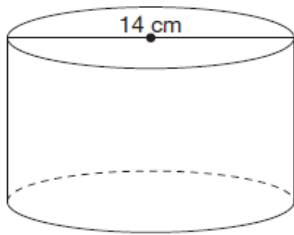
Rebound Height vs. Drop Height

Draw a line of best fit for the data on the grid above.

Determine an equation for your line of best fit.

Show your work.

6 **How High Is It?**
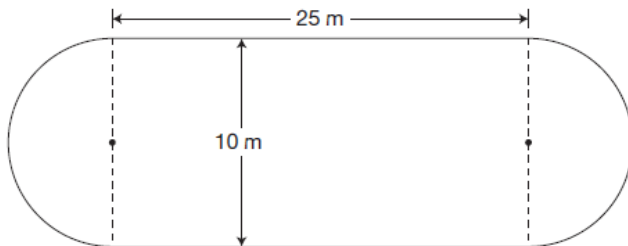
The cylinder pictured below has a surface area of 660 cm².

14 cm

Use the following formula to determine the height of the cylinder:

Surface area $= 2\pi r^2 + 2\pi r h$

Show your work.

30 **Building an Ice Rink**

Jake builds an ice rink as shown below.

25 m

10 m

Determine the perimeter of the rink.

Show your work.