

Question Card 1

Austin reads at a rate 65 words per minute.

- a) Make a table of values that shows the total number of words Austin reads in one to five minutes. Use whole minutes.
- b) What is an expression for the number of words Austin reads in terms of time?
- c) How many words does Austin read in 30 minutes?

Question Card 2

Speedy Print Shop charges \$2 for the first colour copy and \$1 for each additional copy.

- a) Make a table of values representing the number of colour copies in relation to the cost. Include one to five colour copies.
- b) What is an expression for the cost in terms of the number of colour copies?
- c) What is the cost of 12 colour copies?

Question Card 3

As you climb a mountain, the temperature drops 1°C for every 150 m of increased height.

- a) Make a table of values to show the relationship between the height and temperature if the temperature at the bottom of the mountain is 20°C .
- b) How high have you climbed if the temperature is 13°C ?

Question Card 4

A community centre has a new banquet hall. The center charges \$5 per person to rent the hall.

- a) Make a table of values showing the rental cost for 20, 40, 60, 80, and 100 people.
- b) What is an expression for the rental cost in terms of the number of people?
- c) What is the cost for 65 people to rent the hall?

Question Card 5

The following pattern continues.

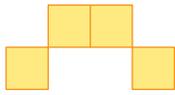


Figure 1

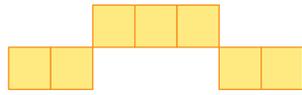


Figure 2

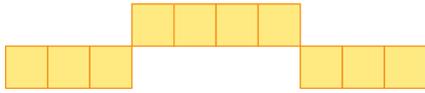


Figure 3

- Make a table of values showing the figure number and the number of squares for the first size figures.
- Write an expression showing the number of squares in terms of the figure number.
- How many squares would appear in Figure 20?

Question Card 6

Carlos sells video games for \$32 a game.

- Make a table of values showing the number of games and the amount of money he makes.
- Write an expression showing the price in terms of the number of video games?
- How many video games did Ben buy with \$480?

Question Card 7

Linda begins the year with \$55 in her bank account. Starting in January, each month she deposits \$40.

- Make a table of values for the first five months of the year.
- Write an expression for the amount of money she has in relation to the month.
- How much money would Linda have in her account in November?

Question Card 8

Jean pays \$25 for her monthly phone bill and another \$0.50 per text message that she sends.

- Make a table of values for the cost of her phone bill for the first five text messages.
- Write an expression for the number of text messages in relation to the cost of her phone bill.
- How much would Jean's phone bill be if she sent 34 text messages?