

FRIDAY LEVEL 3 RPS WEEK 7

- 7 Ron has four digit cards.
- Two of the cards have the same value.
 - All of the cards are less than 10 but greater than zero.
 - All of the cards are odd.
 - The sum of the four cards is 24

Find two possible sets of cards.

8 $2ab = 48$

- a) Find a pair of possible values for a and b .
- b) Work with a partner to find as many pairs of values as you can.
- 3) Has Nishi found correct possible values for e and f that fit each equation? Prove it.

$$\begin{aligned} e - 2f &= 9 \\ ef &= 200 \\ 3e + f &= 83 \end{aligned}$$

I think $e = 25$
and $f = 8$.



7a. Gillian is finding possible values for x and y .

$$7x + 2y = 12.5$$



If x equals $\frac{1}{2}$,
 y must equal 5.5.

Is Gillian correct? Explain your answer.



R

8a. If a is a negative number and b is 7, which of these could be true?

- A. $a + b = 0$
- B. $a + 3b = 16$
- C. $a + 8b = 46$
- D. $a + 2b - b = 3$

Convince me.



R

9a. CinePlaza sell 2 medium popcorn and 2 small popcorn for £17.50. What possible prices can you find for each popcorn?

$$2m + 2s = £17.50$$

m	s



PS