

Negative Numbers

1a. Jim is learning about negative numbers.

He says,



$$-5 + 4 = 9$$

Is Jim correct? Explain why.



R

Negative Numbers

1b. Mai is learning about negative numbers.

She says,



$$-5 - 5 = 0$$

Is Mai correct? Explain why.



R

2a. Fill in the blanks using any 1-digit number so that each answer is between -1 and 3.

A. $-1 + \square = \square$

B. $-3 + \square = \square$

C. $-8 + \square = \square$



PS

2b. Fill in the blanks using any 1-digit number so that each answer is between 0 and 5.

A. $-7 + \square = \square$

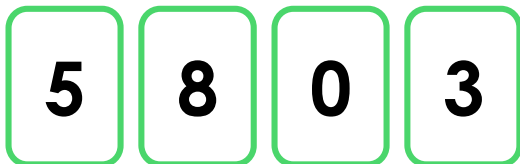
B. $-2 + \square = \square$

C. $-5 + \square = \square$



PS

3a. Use the digit cards to create a calculation which equals -5.



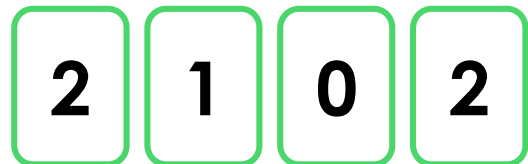
You can only use each digit card once per calculation, but do not need to use all of them.

Is there more than one possible answer?



PS

3b. Use the digit cards to create a calculation which equals -8.



You can only use each digit card once per calculation, but do not need to use all of them.

Is there more than one possible answer?

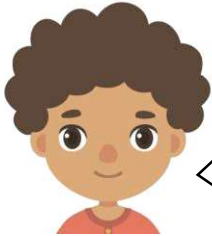


PS

Negative Numbers

4a. Ken is learning about negative numbers.

He says,



The temperature outside is 1°C . If it changes by 4°C , it will either be 5°C or -5°C .

Is Ken correct? Explain why.



R

Negative Numbers

4b. Tia is learning about negative numbers.

She says,



If a mine cart is on level 2 and goes down 10 levels, it will be on the level -12.

Is Tia correct? Explain why.



R

5a. Fill in the blanks using any 2-digit number so that each answer is between 1 and 5.

A. $-17 + \square = \square$

B. $-13 + \square = \square$

C. $-18 + \square = \square$



PS

5b. Fill in the blanks using any 2-digit number so that each answer is between 5 and 10.

A. $-12 + \square = \square$

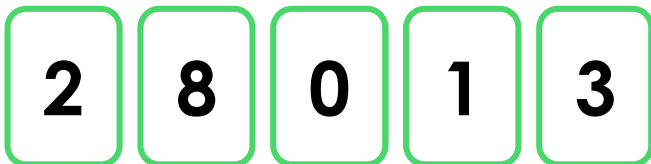
B. $-20 + \square = \square$

C. $-19 + \square = \square$



PS

6a. Use the digit cards to create a calculation which equals -18.



You can only use each digit card once per calculation, but do not need to use all of them.

Is there more than one possible answer?



PS

6b. Use the digit cards to create a calculation which equals -16.



You can only use each digit card once per calculation, but do not need to use all of them.

Is there more than one possible answer?



PS

Negative Numbers

7a. Kevin is learning about negative numbers.

He says,



A worm is 3.5cm above ground level. If it digs down 8.5cm, and then wiggles back up 9cm, it will end up right back where it started.

Is Kevin correct? Explain why.



R

Negative Numbers

7b. Sydney is learning about negative numbers.

She says,



The temperature in a fridge is 4.5°C . If it changes by 4°C and then by another 3°C , the answer will always be a 2-digit number with one decimal place.

Is Sydney correct? Explain why.



R

8a. Fill in the blanks using any 2-digit number so that each answer is between 5 and 10.

A. $-19.5 + \square = \square$

B. $-20.5 + \square = \square$

C. $-22 + \square = \square$



PS

8b. Fill in the blanks using any 2-digit number so that each answer is between 8 and 12.

A. $-17 + \square = \square$

B. $-9.5 + \square = \square$

C. $-12.5 + \square = \square$



PS

9a. Use the digit cards to create a calculation which equals -8.5 .



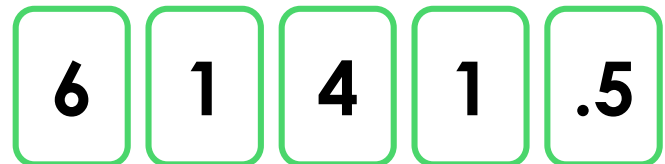
You can only use each digit card once per calculation, but do not need to use all of them.

Is there more than one possible answer?



PS

9b. Use the digit cards to create a calculation which equals -20.5 .



You can only use each digit card once per calculation, but do not need to use all of them.

Is there more than one possible answer?



PS