8a. In order to open this lock, you need to turn the dial to the correct numbers. The first number 32. The other two numbers can be multiplied together to get a product of 56. What are all of the possibilities for the other two numbers? Write your answer as multiplication equations, and then write all of the possible combinations for the safe.

(Possibilities for other 2 numbers)

All factors of 56:

$1 * 56$
$2 * 28$
$4 * 14$
$7 * 8$
_____
$56 * 1$
$28 * 2$
$14 * 4$
$8 * 7$

All combinations for lock:

$32 - 1 - 56$
$32 - 56 - 1$
$32 - 2 - 28$
$32 - 28 - 2$
$32 - 4 - 14$
$32 - 14 - 4$
$32 - 7 - 8$
$32 - 8 - 7$

✱

✱ Only possible combinations because 56 is _not_ on the lock.