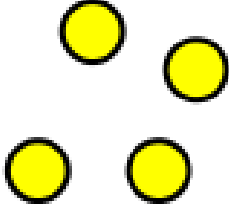
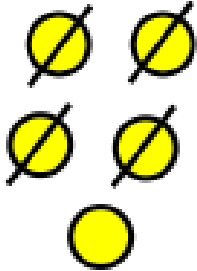
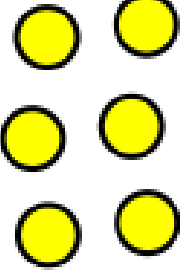


Alex thinks the chart shows  $456 - 4$   
Do you agree?

Hundreds	Tens	Ones
		

1) Explain why.

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Which questions are harder to calculate?

$$234 + 3 =$$

$$506 + 8 =$$

$$455 + 7 =$$

$$521 + 6 =$$

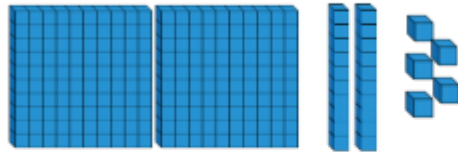
2) Explain your answer.

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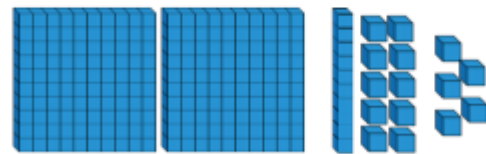
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Ron and Jack use Base 10 to solve  $225 - 8$

Ron's method:



Jack's method:



Explain which method you would use and why.

3)

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Write **one** calculation that could complete **all** of the statements.

$$456 - 10 < \boxed{\phantom{000}}$$

$$466 + 1 > \boxed{\phantom{000}}$$

$$466 + 0 = \boxed{\phantom{000}}$$

4)

---

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When I calculated 392  
subtract 20 I used my  
known fact that  
 $9 - 2 = 7$



Rosie

Explain Rosie's method.

5) \_\_\_\_\_  
\_\_\_\_\_

Complete the missing digits.

$$13 \square - 50 = 85$$

$$334 - \square 0 = 294$$

$$545 = 6 \square 5 - 70$$

6) \_\_\_\_\_  
\_\_\_\_\_

## Answers

- 1) No. Alex has subtracted 4 tens, not 4 ones.
- 2) The second and third are harder as exchanges need to be made
- 3) Either method can get to the answer of 217, but Jack's method is easier because he has already exchanged one of his tens for 10 ones.
- 4) Possible answers include:  $496 - 30$ ,  $406 + 60$ ,  $416 + 50$ , any calculation with an answer of 466.
- 5) Rosie was able to use this fact because 9 tens subtract 2 tens is like doing 9 ones subtract 2 ones. We do not need to subtract any ones or hundreds so those columns will stay the same.
- 6) 135, 40, 615