

Divide 2 Digits by 1 Digit 2

1a. Sophie has 49 pens. She shares them equally between 4 pen pots. She says,



I think each pen pot will get 13 pens and 1 will be left over.



Is Sophie correct? Explain your answer.



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1b. Jack has 82 building blocks. He shares them equally between 8 friends. He says,



I think each friend will get 9 blocks and 3 will be left over.



Is Jack correct? Explain your answer.



2a. Blake is using place value counters to solve the calculation $63 \div 6$.

Tens	Ones
10	1
10	1
10	1
10	
10	
10	

Blake says the answer is 11 r1. Explain her mistake.



2b. Brooke is using place value counters to solve the calculation $47 \div 4$.

Tens	Ones
10	1 1
10	1 1
10	1 1
10	1

Brooke says the answer is 12 r1. Explain her mistake.



3a. Divide the following number by the numbers on the digit cards.

86



2 4 8

Which calculations give a remainder?



3b. Divide the following number by the numbers on the digit cards.

65



2 6 3

Which calculations give a remainder?



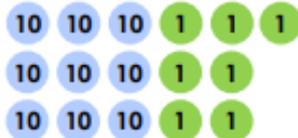
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4a. When Lily, Jakub and Adil put all their stickers together, they have 97 in total. They share them equally between 7 sticker books. Adil says,



I think each sticker book will get 14 stickers and 4 will be left over.



Is Adil correct? Explain your answer.



R

4b. When Abdul, Jan and Anna put all their football cards together, they have 98 in total. They share them equally between 8 piles. Anna says,



I think each pile 13 cards in it and 3 will be left over.

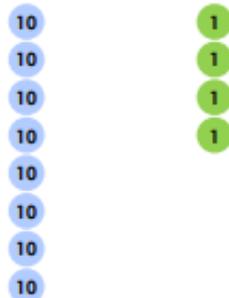


Is Anna correct? Explain your answer.



R

5a. Joe is using place value counters to solve the calculation $84 \div 8$.

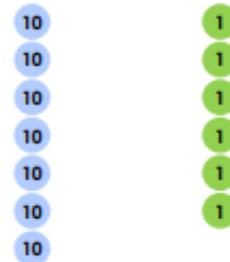


Joe says the answer is 11. Explain his mistake.



R

5b. Ruby is using place value counters to solve the calculation $76 \div 6$.



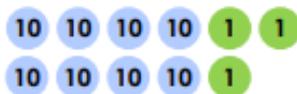
Ruby says the answer is 11 r10. Explain her mistake.



R

6a. Divide the following number by the numbers on the digit cards.

83



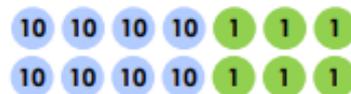
Which calculations give a remainder greater than 4?



PS

6b. Divide the following number by the numbers on the digit cards.

76



Which calculations give a remainder greater than 3?



PS

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7a. Annabel has 53 marbles, Lily has 28 and Jakub has 18. They combine their marbles and share them equally between 7 toy boxes. Annabel says,



I think each toy box will get 12 marbles and 1 will be left over.

Is Annabel correct? Explain your answer.



R

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7b. James has 48 pencils, Lucy has 35 and Filip has 14. They combine all their pencils and share them equally between 9 pencil cases. Filip says,



I think each pencil case will have 11 pencils and 2 will be left over.

Is Filip correct? Explain your answer.



R

8a. Maria is using place value counters to solve the calculation $94 \div 7$.

Maria says the answer is 13 r5. Complete the table and explain her mistake.



R

8b. Finley is using place value counters to solve the calculation $80 \div 6$.

Finley says the answer is 13 r3. Complete the table and explain his mistake.



R

9a. Divide the following number by the numbers on the digit cards.

95



Order the calculations in ascending order by the size of their remainders.



PS

9b. Divide the following number by the numbers on the digit cards.

87



Order the calculations in descending order by the size of their remainders.



PS