

Short Division

1. Kira and Sam have both calculated $642 \div 6$. Who is correct?

	1	0	7	
6	6	4	⁴ 2	



Kira

$$642 \div 6 = 107$$



Sam

	1	0	1	
6	6	4	⁴ 2	

$$642 \div 6 = 101$$

VF

2. Complete the calculation $655 \div 5$, using both the formal method and the place value chart to help.

H	T	O

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3. Using the cards below, create two division calculations whose answers have a combined total that lies between 400 and 500.

2	3	6	7	714	798	882	924
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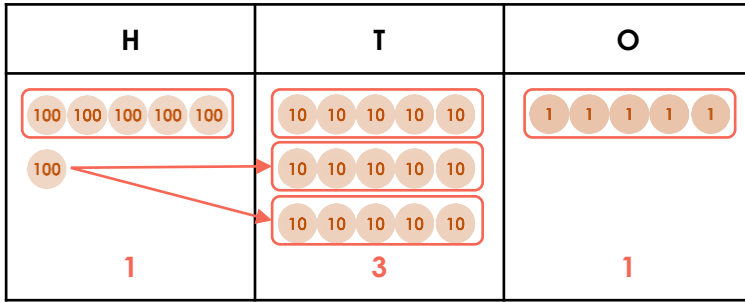
Give three possibilities.

RPS

Short Division

1. Kira is correct.

2.



	1	3	1	
5	6	¹ 5	5	

The extra hundred is converted into tens. The answer is 131.

3. Various answers, for example:

$$714 \div 2 = 357 \text{ and } 924 \div 7 = 132; 357 + 132 = 489$$

$$798 \div 3 = 266 \text{ and } 882 \div 6 = 147; 266 + 147 = 413$$

$$924 \div 3 = 308 \text{ and } 798 \div 7 = 114; 308 + 114 = 422$$