



Short Division

I can divide numbers using the formal written method of short division.



Complete the calculations using the formal written method, short division.

$$15 \overline{) 6315}$$

$$11 \overline{) 8195}$$

$$20 \overline{) 7360}$$

$$15 \overline{) 9525}$$

$$12 \overline{) 6288}$$

$$11 \overline{) 9625}$$

Order the answers to the calculations in order of smallest to largest.

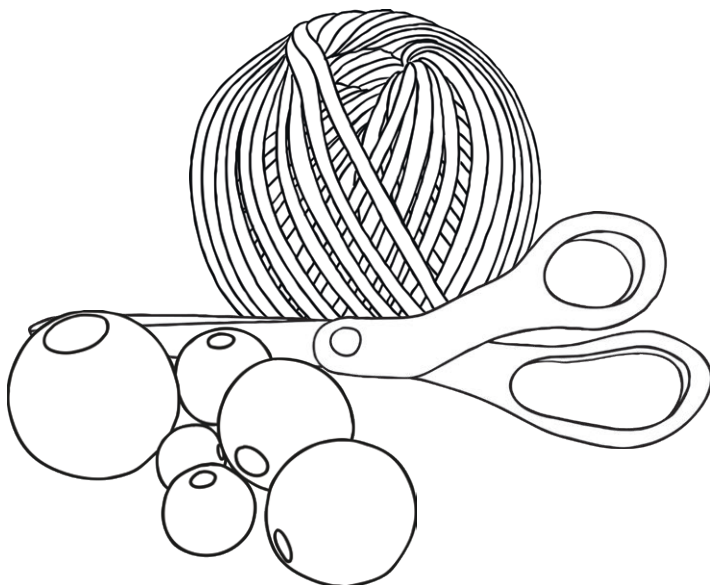
smallest	←—————→					largest

Alice receives a jar of 2250 beads for her birthday. She wants to create necklaces to sell at the Valentine's Day school fayre. There will be 14 beads on each necklace.

How many complete necklaces can she make?

_____ complete necklaces.

Use this space for jottings:





Short Division Answers

Question	Answer										
	Complete the calculations using the formal written method, short division.										
	<table><tbody><tr><td>$\begin{array}{r} 421 \\ 15 \overline{) 6315} \end{array}$</td><td>$\begin{array}{r} 745 \\ 11 \overline{) 8195} \end{array}$</td><td>$\begin{array}{r} 368 \\ 20 \overline{) 7360} \end{array}$</td></tr><tr><td>$\begin{array}{r} 635 \\ 15 \overline{) 9525} \end{array}$</td><td>$\begin{array}{r} 524 \\ 12 \overline{) 6288} \end{array}$</td><td>$\begin{array}{r} 875 \\ 11 \overline{) 9625} \end{array}$</td></tr></tbody></table>	$\begin{array}{r} 421 \\ 15 \overline{) 6315} \end{array}$	$\begin{array}{r} 745 \\ 11 \overline{) 8195} \end{array}$	$\begin{array}{r} 368 \\ 20 \overline{) 7360} \end{array}$	$\begin{array}{r} 635 \\ 15 \overline{) 9525} \end{array}$	$\begin{array}{r} 524 \\ 12 \overline{) 6288} \end{array}$	$\begin{array}{r} 875 \\ 11 \overline{) 9625} \end{array}$				
$\begin{array}{r} 421 \\ 15 \overline{) 6315} \end{array}$	$\begin{array}{r} 745 \\ 11 \overline{) 8195} \end{array}$	$\begin{array}{r} 368 \\ 20 \overline{) 7360} \end{array}$									
$\begin{array}{r} 635 \\ 15 \overline{) 9525} \end{array}$	$\begin{array}{r} 524 \\ 12 \overline{) 6288} \end{array}$	$\begin{array}{r} 875 \\ 11 \overline{) 9625} \end{array}$									
	Order the answers to the calculations in order of smallest to largest.										
	<table border="1"><tbody><tr><td>smallest</td><td>←</td><td>→</td><td>largest</td></tr><tr><td>368</td><td>421</td><td>524</td><td>635</td><td>745</td><td>875</td></tr></tbody></table>	smallest	←	→	largest	368	421	524	635	745	875
smallest	←	→	largest								
368	421	524	635	745	875						
	Alice receives a jar of 2250 beads for her birthday. She wants to create necklaces to sell at the Valentine's Day school fayre. There will be 14 beads on each necklace. How many complete necklaces can she make?										
	160 complete necklaces.										



Short Division

I can divide numbers using the formal written method of short division.



Complete the calculations using the formal written method, short division. Some of the calculations may have remainders.

$$15 \overline{) 9367} \quad r$$

$$20 \overline{) 7156} \quad r$$

$$11 \overline{) 8640} \quad r$$

$$12 \overline{) 7075} \quad r$$

$$12 \overline{) 8231} \quad r$$

$$11 \overline{) 5231} \quad r$$

Order the answers to the calculations in order of smallest to largest.

smallest	←—————→					largest

Jessica is training for a swimming competition. She swims four evenings each week. She wants to swim 1240 lengths in the 5 weeks in the run up to the swimming gala. How many lengths per evening does she need to swim to reach her target?

_____ lengths per evening.

Use this space for jottings:





Short Division Answers

Question	Answer													
	Complete the calculations using the formal written method, short division. Some of the calculations may have remainders.													
	<table><tbody><tr><td>$\begin{array}{r} 624 \text{ r}7 \\ 15 \overline{)9367} \end{array}$</td><td>$\begin{array}{r} 357 \text{ r}16 \\ 20 \overline{)7156} \end{array}$</td><td>$\begin{array}{r} 785 \text{ r}5 \\ 11 \overline{)8640} \end{array}$</td></tr><tr><td>$\begin{array}{r} 589 \text{ r}7 \\ 12 \overline{)7075} \end{array}$</td><td>$\begin{array}{r} 685 \text{ r}11 \\ 12 \overline{)8231} \end{array}$</td><td>$\begin{array}{r} 475 \text{ r}6 \\ 11 \overline{)5231} \end{array}$</td></tr></tbody></table>	$\begin{array}{r} 624 \text{ r}7 \\ 15 \overline{)9367} \end{array}$	$\begin{array}{r} 357 \text{ r}16 \\ 20 \overline{)7156} \end{array}$	$\begin{array}{r} 785 \text{ r}5 \\ 11 \overline{)8640} \end{array}$	$\begin{array}{r} 589 \text{ r}7 \\ 12 \overline{)7075} \end{array}$	$\begin{array}{r} 685 \text{ r}11 \\ 12 \overline{)8231} \end{array}$	$\begin{array}{r} 475 \text{ r}6 \\ 11 \overline{)5231} \end{array}$							
$\begin{array}{r} 624 \text{ r}7 \\ 15 \overline{)9367} \end{array}$	$\begin{array}{r} 357 \text{ r}16 \\ 20 \overline{)7156} \end{array}$	$\begin{array}{r} 785 \text{ r}5 \\ 11 \overline{)8640} \end{array}$												
$\begin{array}{r} 589 \text{ r}7 \\ 12 \overline{)7075} \end{array}$	$\begin{array}{r} 685 \text{ r}11 \\ 12 \overline{)8231} \end{array}$	$\begin{array}{r} 475 \text{ r}6 \\ 11 \overline{)5231} \end{array}$												
	Order the answers to the calculations in order of smallest to largest.													
	<table border="1"><thead><tr><th colspan="2">smallest</th><th colspan="4">←—————→</th><th>largest</th></tr></thead><tbody><tr><td>357 r16</td><td>475 r6</td><td>589 r7</td><td>624 r7</td><td>685 r11</td><td>785 r5</td></tr></tbody></table>	smallest		←—————→				largest	357 r16	475 r6	589 r7	624 r7	685 r11	785 r5
smallest		←—————→				largest								
357 r16	475 r6	589 r7	624 r7	685 r11	785 r5									
	Jessica is training for a swimming competition. She swims four evenings each week. She wants to swim 1240 lengths in the 5 weeks in the run up to the swimming gala. How many lengths per evening does she need to swim to reach her target?													
	62 lengths per evening.													



Short Division

I can divide numbers using the formal written method of short division.



Complete the calculations using the formal written method, short division.
Write the answer to two decimal places.

$1765 \div 20 = \underline{\hspace{2cm}}$

$8765 \div 12 = \underline{\hspace{2cm}}$

$9865 \div 11 = \underline{\hspace{2cm}}$

$4682 \div 11 = \underline{\hspace{2cm}}$

$6573 \div 15 = \underline{\hspace{2cm}}$

$7965 \div 12 = \underline{\hspace{2cm}}$

Order the answers to the calculations in order of smallest to largest.

smallest	←—————→					largest



Short Division Answers

Question	Answer
----------	--------

Complete the calculations using the formal written method, short division.
Write the answer to two decimal places.

$$1765 \div 20 = 88.25$$

				8	8	.	2	5		
2	0	1	7	6	5	.	0	0		

$$8765 \div 12 = 730.42$$

				7	3	0	.	4	2	
1	2	8	7	6	5	.	0	0	0	

$$9865 \div 11 = 896.82$$

				8	9	6	.	8	2	
1	1	9	8	6	5	.	0	0	0	

$$4682 \div 11 = 425.64$$

				4	2	5	.	6	4	
1	1	4	6	8	2	.	0	0	0	

$$6573 \div 15 = 438.20$$

				4	3	8	.	2		
1	5	6	5	7	3	.	0			

$$7965 \div 12 = 663.75$$

				6	6	3	.	7	5	
1	2	7	9	6	5	.	0	0		

Order the answers to the calculations in order of smallest to largest.

smallest	←—————→				largest
88.25	438.20	425.64	663.75	730.42	896.82