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 | 6315

11 | 8195

20 | 7360

15 | 9525

12 | 6288

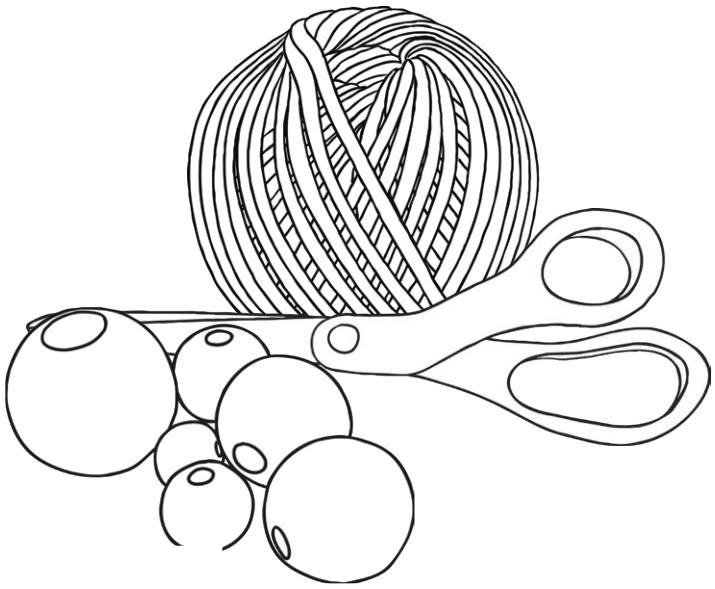
11 | 9625

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.
	15 | 6315 = 421 ; 11 | 8195 = 745 ; 20 | 7360 = 368 ; 15 | 9525 = 635 ; 12 | 6288 = 524 ; 11 | 9625 = 875
	Order the answers to the calculations in order of smallest to largest.
	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 | 9367 r

20 | 7156 r

11 | 8640 r

12 | 7075 r

12 | 8231 r

11 | 5231 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.

$$\begin{array}{r} 624\ r7 \\ 15\overline{)9367} \end{array} \qquad \begin{array}{r} 357\ r16 \\ 20\overline{)7156} \end{array} \qquad \begin{array}{r} 785\ r5 \\ 11\overline{)8640} \end{array}$$

$$\begin{array}{r} 589\ r7 \\ 12\overline{)7075} \end{array} \qquad \begin{array}{r} 685\ r11 \\ 12\overline{)8231} \end{array} \qquad \begin{array}{r} 475\ r6 \\ 11\overline{)5231} \end{array}$$

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

smallest ⟷ largest					
357 r16	475 r6	589 r7	624 r7	685 r11	785 r5

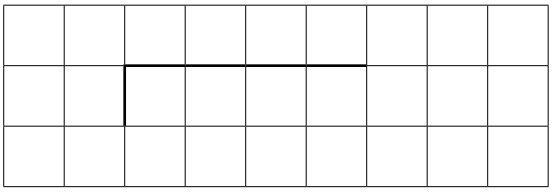
	Jessica is training for a swimming competition. She swims four evenings each week. She wants to swim 1240 lengths in the 5 weeks in the run up to the swimming gala. How many lengths per evening does she need to swim to reach her target?
	62 lengths per evening.

Short Division

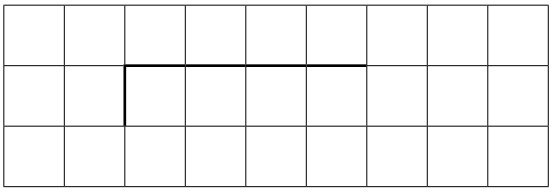
I can divide numbers using the formal written method of short division.

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

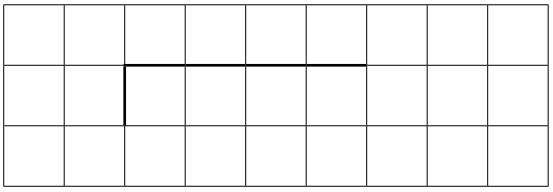
1765 ÷ 20 = _____



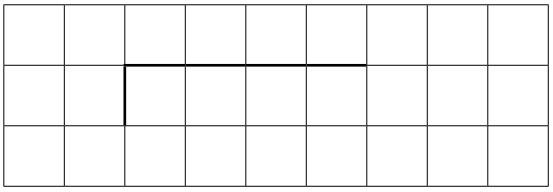
8765 ÷ 12 = _____



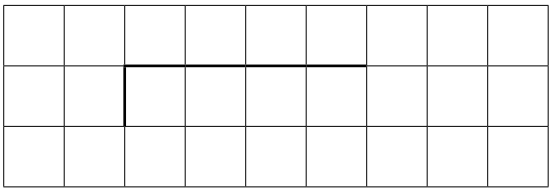
9865 ÷ 11 = _____



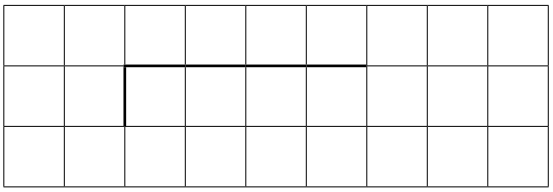
4682 ÷ 11 = _____



6573 ÷ 15 = _____



7965 ÷ 12 = _____



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 ÷ 20 = **88.25**

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

8765 ÷ 12 = **730.42**

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

9865 ÷ 11 = **896.82**

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

4682 ÷ 11 = **425.64**

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

6573 ÷ 15 = **438.20**

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

7965 ÷ 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**

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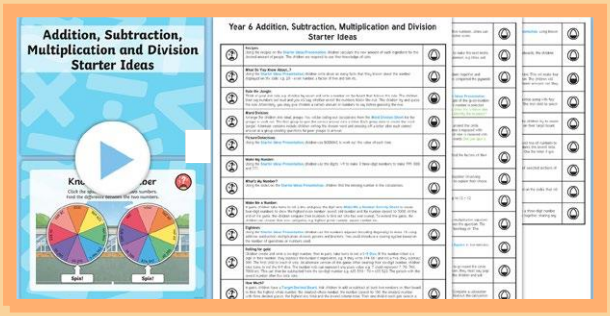

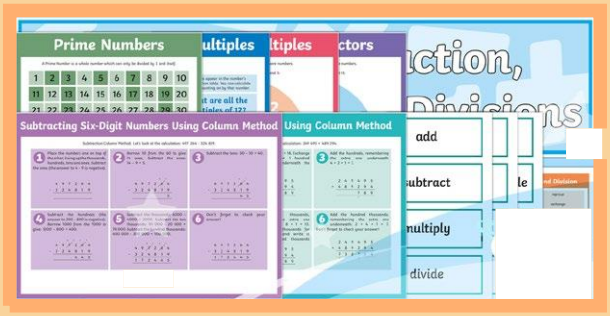

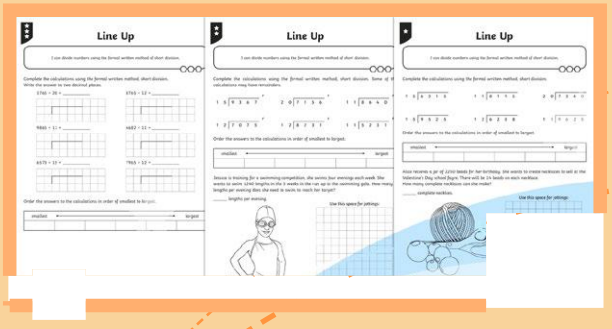

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