

Long division (1)

1 Use these multiples of 13 to complete the long divisions.

13	26	39	52	65	78	91	104	117
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		0	2	1	
13	2	7	3		
		2	6	0	
			1	3	
			1	3	
				0	

			3	4	
13	4	4	2		
		3	9	0	
		0	5	2	
			5	2	
				0	

		6	1		
13	7	9	3		
		7	8	0	
			1	3	
			1	3	
				0	

		6	7		
13	8	7	1		
		7	8	0	
			9	1	
			9	1	
				0	

2 a) Complete the number track with multiples of 23

23	46	69	92	115	138	161	184	207
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b) Calculate $943 \div 23 =$ 41

			4	1	
23	9	4	3		
		9	2	0	
			2	3	
			2	3	
				0	

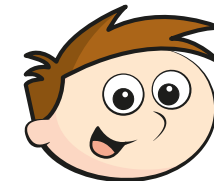
c) Calculate $345 \div 23 =$ 15

			1	5	
23	3	4	5		
		2	3	0	
			1	1	5
			1	1	5
				0	

d) Calculate $621 \div 23 =$ 27

			2	7	
23	6	2	1		
		4	6	0	
			1	6	1
			1	6	1
				0	

3



		2	3
3	9	1	
3	4		
	5	1	
	5	1	
		0	

What is the missing number in Teddy's division? 17

4

Tick the cards that give the same answer.

$2,730 \div 35$

☒

$2,088 \div 24$

☐

$2,418 \div 31$

☒

$$2730 \div 35 = 78$$

$$2088 \div 24 = 87$$

$$2418 \div 31 = 78$$

- 5 Amir is making flags. He sews 19 stars and 31 hearts onto each flag. He has 589 stars and 899 hearts.

How many flags can he complete?

$$589 \div 19 = 31$$

$$899 \div 31 = 29$$

29



- 6 a) Complete the calculation.

$$168 \times 5 = \boxed{24} \times 35$$

- b) Describe two different ways to find the answer to part a).

$$\begin{array}{l} 168 \times 5 = 840 \\ 840 \div 35 = 24 \end{array} \quad \begin{array}{l} 168 \times 5 = \boxed{} \times 35 \\ \div 7 \qquad \qquad \times 7 \end{array}$$

$$168 \div 7 = 24$$



- 7 Here are some of the multiples of 41

$1 \times 41 = 41$	$6 \times 41 = 246$
$2 \times 41 = 82$	$7 \times 41 = 287$
$3 \times 41 = 123$	$8 \times 41 = 328$
$4 \times 41 = 164$	$9 \times 41 = 369$
$5 \times 41 = 205$	$10 \times 41 = 410$

Use these multiples of 41 to complete the calculations.

a) $861 \div 41 = \boxed{21}$

$$\begin{array}{r} 21 \\ 41 \overline{) 861} \\ \underline{820} \\ 41 \\ \underline{41} \\ 0 \end{array}$$

21

b) $943 \div \boxed{23} = 41$

$$\begin{array}{r} 23 \\ 41 \overline{) 943} \\ \underline{820} \\ 123 \\ \underline{123} \\ 0 \end{array}$$

23

c) $\boxed{28577} \div 41 = 697$

28,577