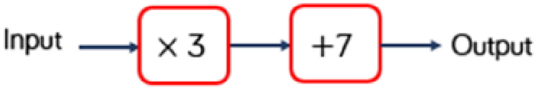
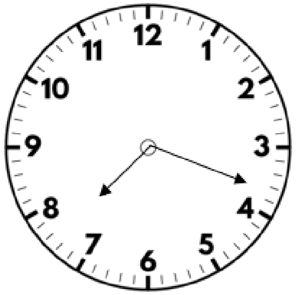
Warm-Up Challenge

Week 7 – Home Learning

Flashback 4

1) What is the output if the input is 12?





2) Work out 40% of 60

3) What is the 4 worth is 6.145?

4) Write down two factors of 20

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Teaching Input:

Complete the following calculation:

$$539 \div 11$$

Go onto the next slide to see the division process for this calculation.

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Teaching Input:

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$$
\begin{array}{r}
49 \\
11\overline{)539} \\
-44 \\
\hline
99 \\
-99 \\
\hline
0
\end{array}
$$

Remember to list your multiples of 11

Let's start by dividing 53 by 11 as they are both 2 digit numbers.

99 subtract [illegible] answer.

Teaching Input:

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Complete the following calculation:

728 ÷ 13

Go onto the next slide to see the division process for this calculation.

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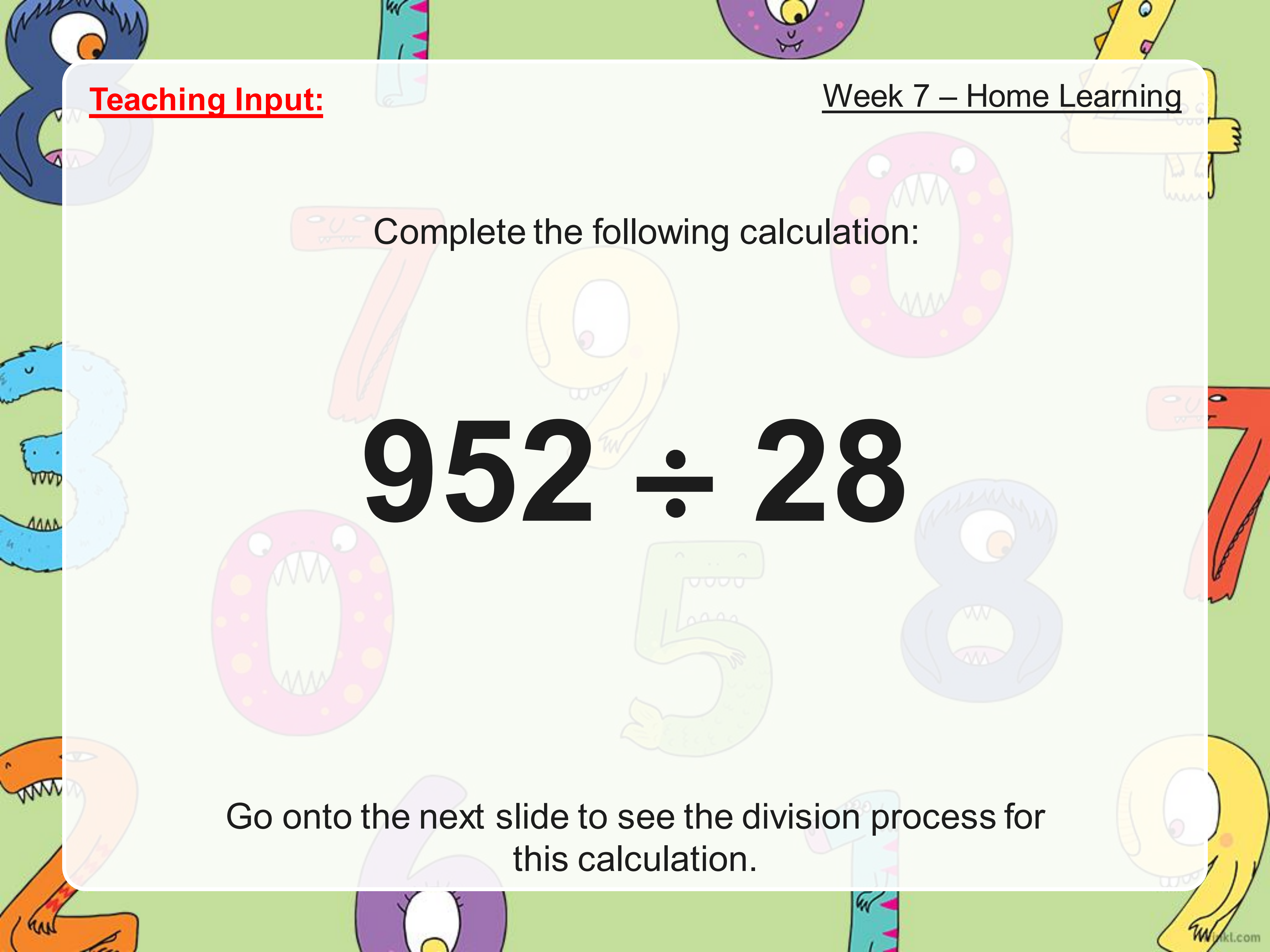
Teaching Input:

$$\begin{array}{r|l} & 5\ 6 \\ \hline 13 & 7\ 2\ 8 \\ & -6\ 5 \\ \hline & 7 \\ & -7\ 8 \\ \hline & 0 \end{array}$$

Remember to list your multiples of 13

[illegible]



Teaching Input:

Complete the following calculation:

952 ÷ 28

Go onto the next slide to see the division process for this calculation.

Teaching Input:

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```
         3 4
28 |  9  5  2
   −  8  4
      1  1
   −  1  1  2
            0
```

Remember to list your multiples of 28

[illegible]

Independent Activity: *Now grab a pen and paper and see how many questions you can answer*

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

13	26	39	52	65	78	91	104	117

13 | 2 7 3

13 | 4 4 2

13 | 7 9 3

13 | 8 7 1

2 a) Complete the number track with multiples of 23

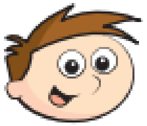
23	46	69						

b) Calculate 943 ÷ 23

c) Calculate 345 ÷ 23

d) Calculate 621 ÷ 23

3



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

What is the missing number in Teddy's division?

4 Which of these cards give the same answer?

2,730 ÷ 35

2,088 ÷ 24

2,418 ÷ 31

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?

6 a) Complete the calculation.

168 × 5 = ☐ × 35

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

7 Here are some of the multiples of 41

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

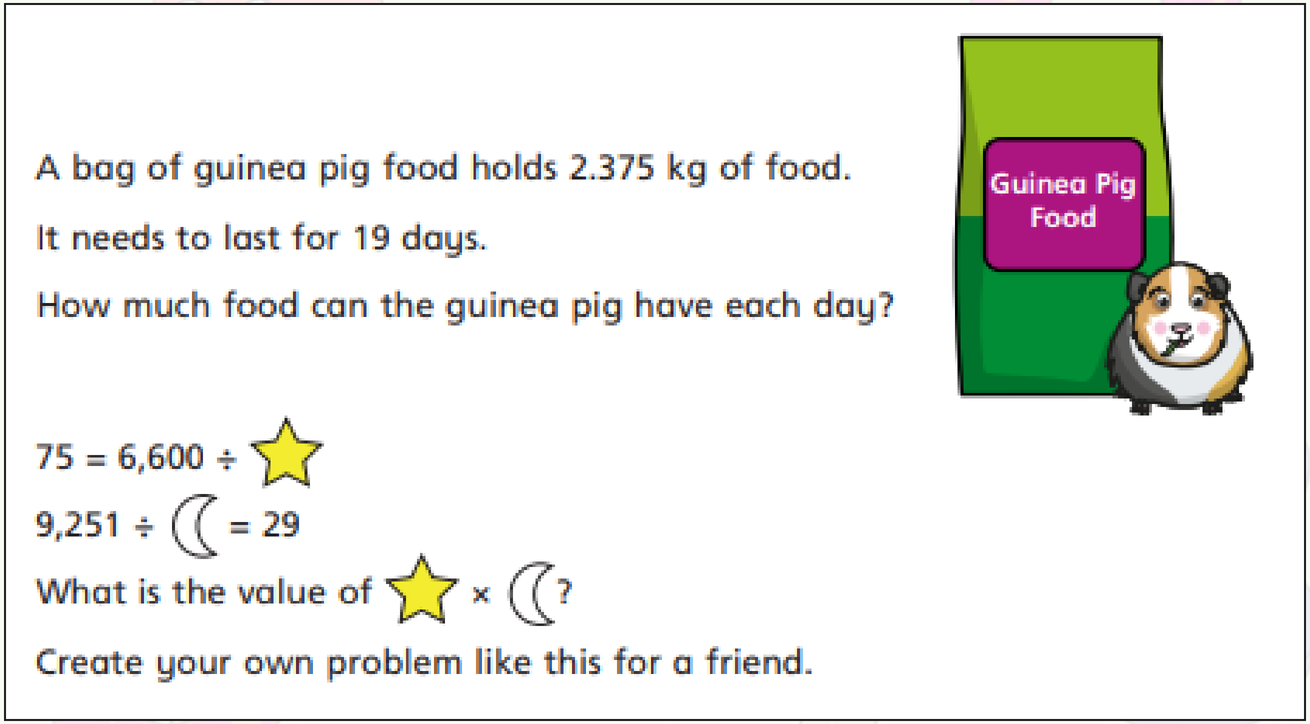
Use these multiples of 41 to complete the calculations.

a) 861 ÷ 41

b) 943 ÷ ☐ = 41

c) ☐ ÷ 41 = 697

Independent Activity: *Now grab a pen and paper and see how many questions you can answer*



Guinea Pig
Food

A bag of guinea pig food holds 2.375 kg of food.

It needs to last for 19 days.

How much food can the guinea pig have each day?

75 = 6,600 ÷ ★

9,251 ÷ ☾ = 29

What is the value of ★ × ☾?

Create your own problem like this for a friend.

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