Year 5 Mad4Maths Weekly Example

Day 1

Ilaria jumped 3.19m in a long jump competition. Emma jumped 3.12m. How much further did Ilaria jump than Emma?	
2. Fill in the missing numbers. $3.87 - 0.8 = \square$ $99.99 - 90 = \square$ $95.75 - 0.5 = \square$	3. 9.24= 9 _____, ___ tenths and 4 _____. 0.39 = 0 _____, ___ tenths and ____ hundredths.
4. Circle the numbers that add together to give a total of 0.18. 0.08 0.12 0.1 0.5 0.6	5. Calculate 0.73 + 0.6
6. There are 315 cows on a farm. 3/5 of the cows are having calves this year. How many cows are not having calves?	7. What is the sum of 2828 and 0212?

Day 2

1.

An apple weighs about 0.1kg. Approximately how many apples are there in a 1.8kg bag?

2. Fill in the missing numbers:

			5.01	5.02	5.03	

3.65			3.95			4.25	4.35

			27.9	27.8	27.7

3. Calculate:

7.59-3.46=

2.9-1.76=

4.

$\frac{3}{4} + \frac{2}{8} + \frac{1}{4} =$

$\frac{3}{8} \times \frac{6}{8} =$

5. Fill in the missing parts. Write down as many equations as you can think of:

1			

6. I have a 6 ½ m length of string. How many ½ m lengths can I cut?

7. What is the total of 7.93, 18.4 and 60?

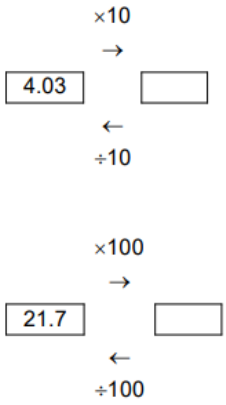
Day 3

1. The table below shows the number of hours Josie read each day during a school week. For how long did Josie read altogether?

Mon	Tues	Wed	Thurs	Fri
$1\frac{3}{4}$ hours	1 hour	$1\frac{1}{4}$ hours	$1\frac{1}{4}$ hours	$2\frac{3}{4}$ hours

2. **I need 8.23 metres of string.**
How much is this to the nearest tenth of a metre?
How much is this to the nearest metre?
If string is only sold in whole metres, how much do I need to buy?

3. Fill in the missing numbers.



4. Circle the numbers that sum to 0.13

0.1 0.5 0.05 0.8 0.08 0.3

5. Calculate:

70-8.96=

5.4-1.8=

6. What is the total of 90, 8.73 and 6.54?

7. Fill in the missing numbers.

$278 \times 6 = \square$

$\square \div 2{,}854 = 3$

Day 4

1.

Mrs Jasper is juicing oranges. Each orange makes about 0.1 litres of juice. If Mrs Jasper juices 22 oranges, approximately how many litres of orange juice will she get?

2.

Use the following to complete the equations:

×10 ×100 ÷10 ÷100

Use each term only once.

543 ☐ = 5.43 0.12 ☐ = 1.2

51.5 ☐ = 5,150 40.3 ☐ = 4.03

3. Fill in the missing numbers:

$25.14 - 0.04 = \square$

$84.51 = 50 + \square$

$6.14 = 5 + \square + 0.04$

4. .Fill in the missing numbers.

$6 \times 32 = 6 \times 4 \times \square$

$480 = 8 \times 10 \times \square$

$72 = 2 \times 6 \times \square$

5. A bottle contains 0.7 litres of fruit drink. Maria need 5 litres of drink for a party. How many bottles does she need to buy?

6. Fill in the missing digits:

$\frac{3}{\square} = \frac{21}{63}$ $\frac{20}{30} = \frac{\square}{15}$

7. Calculate the following:

2.8- 1.62=

3.9+ 4.5=

Day 5

1. It is a $2\frac{3}{4}$km cycle ride to my friend's house, and a further $\frac{3}{4}$km ride to the park. How far do I have to cycle altogether?

2. Draw lines to match the unit fractions on the left with their equivalent fractions on the right:

$\frac{1}{5}$	$\frac{3}{12}$
$\frac{1}{4}$	$\frac{4}{20}$
$\frac{1}{3}$	$\frac{3}{9}$

3. A chef needs 2.4kg of potatoes for a recipe. If one potato weighs about 0.3kg, approximately how many potatoes does the chef need?

Sarah wants to convert $\frac{17}{4}$ to a mixed number. She writes:

$\frac{17}{4} = 3\frac{5}{4}$

Explain what mistake Sarah has made, and write the correct answer.

5. Fill in the missing numbers:

$19.7 - 9 = \square$

$0.3 + 5.61 = \square$

$2 + 1.43 + 0.05 = \square$

6

$273 = \square \times 100$

$42 = \square \times 10$

$1.35 = \square \div 100$

$16.2 = \square \div 10$

7. Complete the following:

786 x 28=

8920+ 393=