Year Group: Year 3

|  | Monday | Tuesday | Wednesday | Thursday | Friday |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Area of Learning |  |  | LC:Can you divide by 8? | LC: Can you use the 8 times table? | LC: Can you recall your 2,4 and 8 times tables? |
| Activity | PD Day |  | Starter: <br> Times Table Rockstars <br> Main: <br> Go to the following website: <br> https://whiterosemaths.com/ <br> Find and watch Divide by 8 video. Pause if you need to <br> take notes or replay sections to help with understanding. <br> Independent Task: <br> Children to complete worksheet found in resources. | Starter: <br> Times Table Rockstars <br> Main: <br> Go to the following website: https://whiterosemaths.com/ <br> Find and watch The 8 times-table video. Pause if you need to take notes or replay sections to help with understanding. <br> Independent Task: Children to complete worksheet found in resources. | Starter: <br> Times Table Rockstars <br> Main: <br> Go to the following website: https://whiterosemaths.com/ <br> Find and watch Consolidate 24 and 8 times-tables video. Pause if you need to take notes or replay sections to help with understanding. <br> Independent Task: Children to complete worksheet found in resources. |


|  | Answers can be found in <br> resources. | Answers can be found in <br> resources. | Answers can be found in <br> resources. | Answers can be found in <br> resources. |
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| Answers can be found in <br> resources. |  |  |  |  |

## Where can I complete further work?

Twinkl - Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code UKTWINKLHELPS for access to worksheets, powerpoints and interactive games to support all areas of learning.

Classroom Secrets - Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.
White Rose Maths - Free Maths home learning resources for all ages. Watch the videos and try the questions.
Primary Stars - Free Maths home learning packs for Year I and 2.
BBC Bitesize Primary - Free learning resources available for KSI and KS2 across all subjects.
I See Maths - Free daily home maths lessons hosted by Gareth Metcalfe. Follow the link for videos, information and resources.
Top Marks - Free educational resources and games for English and Maths.Games - Free educational resources and games for English and Maths.

## Divide by 8

I Complete the sentences.
 $\underbrace{}_{\downarrow} \underbrace{}_{\downarrow} \underbrace{}_{\downarrow} \underbrace{}_{\downarrow} \underbrace{}_{\downarrow} \underbrace{}_{\downarrow} \underbrace{}_{\downarrow} \underbrace{10}_{\downarrow}$


There are $\square$ flowers.

There are $\square$ vases.

Each vase has $\square$ flowers.

16 shared into $\square$ equal groups is $\square$



There are 16 glasses of milk.
There are $\square$ glasses of milk on each tray

There are $\square$
16 shared into $\square$ equal groups is $\square$
2) Use the arrays to help you complete the divisions. Draw on the arrays to show your workings.
a)

$40 \div 8=$ $\qquad$
b)

$40 \div 5=$ $\square$
(3) 32 coins are shared between 8 people.

How many coins does each person get?


Complete the division
$\square$ $\div$ $\square$ $=$ $\square$Complete the bar models and division statements.
a)

$\square$
$\square$ $=\square$
b)

$\square$

c)

$\square$
$\square$

What do you notice?

40 kg of potatoes are packed into 8 kg bags. How many 8 kg bags can be filled?
a) Match the number story to the bar model.
56 sweets are shared
equally between 8
party bags.

56 equally between 8 party bags

## 56 sweets are put into party bags. There are 8 sweets in each bag.


b) Complete the bar models.
c) Think of a number story to match this bar model.

7) Circle the numbers that divide by 8 exactly.


How did you work this out?

Here is an array made up of triangles.
a) What multiplication sentence can you see?

b) What division sentence can you see?

4) Complete the calculations.

Try to do the calculations in your head.
a) $6 \times 8=$ $\square$
e) $72 \div 8=$ $\square$
b) $8 \times$

f) $\square$
a)

| 0 | 8 | 16 | 24 |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

b)


$$
\begin{aligned}
& \Delta \Delta \Delta \Delta \Delta \Delta \Delta \Delta \\
& \triangle \Delta \Delta \Delta \Delta \Delta \Delta \Delta \\
& \triangle \triangle \triangle \triangle \triangle \triangle \triangle \Delta \\
& \triangle \triangle \triangle \Delta \triangle \triangle \triangle \Delta \\
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& \triangle \triangle \triangle \triangle \triangle \triangle \triangle \triangle \\
& \triangle \triangle \triangle \triangle \triangle \triangle \triangle \triangle \\
& \triangle \triangle \triangle \triangle \triangle \triangle \triangle \triangle
\end{aligned}
$$

How many are there in total? Complete the multiplications.
a)

b)

2) Complete the number tracks.

What multiplication can you see?


6 Complete the multiplications.
a) $2 \times 8=$ $\square$
$4 \times 8=$ $\square$
b) $8=8 \times$ $\square$
$8 \times 8=$ $\square$
$\square$
$32=8 \times$ $\square$

What patterns do you notice?
a) Amir draws 7 jumps of 8 on a number line.


What number does Amir end on? $\square$
Explain how you worked it out.
b) This time, Amir makes 7 jumps of 8, but starts from 1


1

What number does Amir end on this time? $\square$

Explain how you know.

8 Boats can be hired on a lake.
There are 5 large boats and 8 small boats on the lake.

Each boat is full.
How many people are on the lake?
$\square$

9 Put the numbers into the sorting diagram.


Are any of the parts empty? Why?
Talk about it with a partner.
8

How many legs are there altogether?
Complete the multiplications
a)

b)

$\square$
$\square$
c)


2 How many pencils are there? Complete the multiplications.

a) 2


$\square$
$\square$

$\square$
$\square$

A paper clip is 3 cm long.

a) What is the total length of 2 paper clips?
$\square$
b) What is the total length of 4 paper clips?

c) What is the total length of 8 paper clips?

4. Complete the multiplications.
a) $1 \times 2=$ $\square$
b) $1 \times 4=$ $\square$
c) $1 \times 8=$ $\square$

$$
3 \times 2=\square
$$



$$
2 \times 8=\square
$$

$$
3 \times 4=
$$



$$
3 \times 8=
$$

$\square$

$$
4 \times 2=\square
$$

$$
4 \times 4=\square
$$

$4 \times 8=$ $\square$

$$
5 \times 2=\square
$$

$5 \times 4=$ $\square$
$5 \times 8=$


Complete the multiplications.
a) $6 \times 4=$ $\square$
e) $8 \times 4=$ $\square$
b) $2 \times 10=$
$\square$
f) $2 \times 11=$ $\square$
c) $7 \times 8=$ $\square$
g) $4 \times 9=$ $\square$
d) $12 \times 2=$ $\square$
h) $10 \times 8=$ $\square$

6 Work out the missing numbers
a) $\square$
d) $8 \times$ $\square$
b) $4 \times$ $\square$ $=20$
e) $2 \times 4 \times$ $\square$ $=64$
c) $24=$ $\square$ $\times 2$
f) $40=$ $\square$
$\square$

Work out the value of each shape




8 Tennis balls come in packets of 2, 4 and 8 Rosie buys 5 of each different size pack. How many tennis balls does she buy altogether? Show your workings.

$\square$

