

Year 4 Maths - Week beginning 08.06.20

General Information

It is important for you to show your method.

Remember to also complete your weekly Mathematics (two tasks per week).

When you have completed each task, where applicable, you can use a calculator to check your workings and record any corrections needed. Remember to reflect on where you went wrong, as this will help you with future tasks.

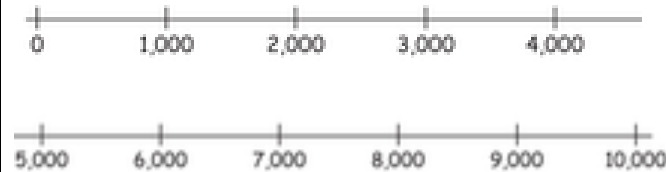


Monday

Count in Multiples of 1000

A multiple is a number that may be divided by another a certain number of times without a remainder. Multiples appear in times tables e.g. 5,10,15,20 are all multiples of 5.

Complete the tasks on **Additional Reference Page 1**. Remember to record your answers in your homework book.



Tuesday

Count in Multiples of 25

Complete the tasks on **Additional Reference Page 2**. Remember to record your answers in your homework book.

Look at the number patterns. What do you notice?

| | | | | | |
|----|-----|-----|-----|-----|-----|
| 25 | 50 | 75 | 100 | 125 | 150 |
| 50 | 100 | 150 | 200 | 250 | 300 |

Complete the number tracks

| | | | | | |
|-----|-----|-----|-----|--|-----|
| 25 | 75 | 125 | 150 | | 250 |
| 725 | 700 | 650 | 600 | | |

Circle the mistake in each sequence.

2,275 2,300 2,325 2,350 2,400 ...
1,000 975 925 900 875 ...

Whitney is counting in 25s and 1000s. She says:

- Multiples of 1000 are also multiples of 25
- Multiples of 25 are therefore multiples of 1000

Do you agree with Whitney? Explain why.

Ron is counting down in 25s from 790. Will he say 725? Explain your answer.

Fill out the number track:

| | | | | | |
|-------|-------|-------|--|-------|--|
| 3,000 | 4,000 | 6,000 | | 9,000 | |
| | 9,000 | 7,000 | | 4,000 | |

Two race tracks have been split into 25m intervals.

Race track A

Race track B

What errors have been made?

Wednesday

Target Number

Complete the activities on **Additional Reference Page 3**. Please find a multiplication grid attached that you can use to help you, **but only if you need it**.

Examples:

Target number = 4063

Add a multiple of 1000 to a multiple of 7.

$4000 + 63 = 4063$

Target number = 4111

Add multiples of 6, 25 and 1000.

$36 + 75 + 400 = 4111$

Thursday

Multiplication and Division

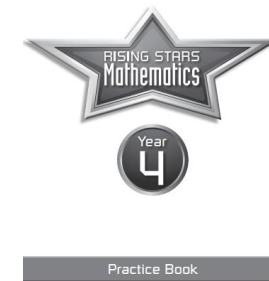
Complete pages 116 and 117 in your Rising Stars Practice Book.

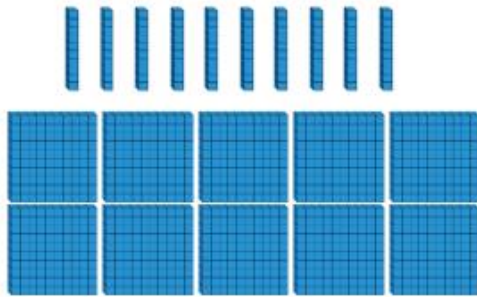


Friday

Multiplication and Division

Complete pages 118 and 119 in your Rising Stars Practice Book.





___ tens make ___ hundred.

___ hundreds make ___ thousand.



How many sweets are there altogether?



There are three jars of ___ sweets.
There are ___ sweets altogether.



What numbers are represented below?



Always, Sometimes, Never

- When counting in hundreds, the ones digit changes.
- The thousands column changes every time you count in thousands.
- To count in thousands, we use 4-digit numbers.

Rosie says,



If I count in thousands from zero, I will always have an even answer.

True or false?
Explain how you know.

Tuesday: Additional Reference Page 2

Look at the number patterns.
What do you notice?

| | | | | | |
|----|----|----|-----|-----|-----|
| 25 | 50 | 75 | 100 | 125 | 150 |
|----|----|----|-----|-----|-----|

| | | | | | |
|----|-----|-----|-----|-----|-----|
| 50 | 100 | 150 | 200 | 250 | 300 |
|----|-----|-----|-----|-----|-----|

Complete the number tracks

| | | | | | | | | | |
|----|--|----|--|-----|-----|--|--|--|-----|
| 25 | | 75 | | 125 | 150 | | | | 250 |
|----|--|----|--|-----|-----|--|--|--|-----|

| | | | | | | | | | |
|--|-----|-----|--|-----|--|-----|--|--|--|
| | 725 | 700 | | 650 | | 600 | | | |
|--|-----|-----|--|-----|--|-----|--|--|--|

Circle the mistake in each sequence.

2,275 2,300 2,325 2,350 2,400,...

1,000 975 925 900 875...

Fill out the number track:

| | | | | | | | |
|--------------|--------------|--|--------------|--|--|--------------|--|
| 3,000 | 4,000 | | 6,000 | | | 9,000 | |
| | 9,000 | | 7,000 | | | 4,000 | |

Whitney is counting in 25s and 1,000s.
She says:

- Multiples of 1,000 are also multiples of 25
- Multiples of 25 are therefore multiples of 1,000

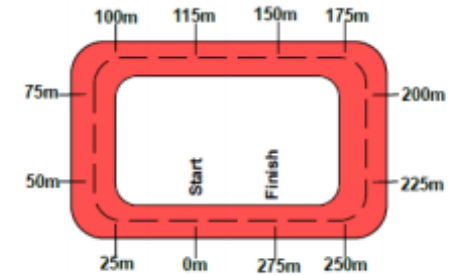
Do you agree with Whitney?
Explain why.

Ron is counting down in 25s from 790.
Will he say 725?

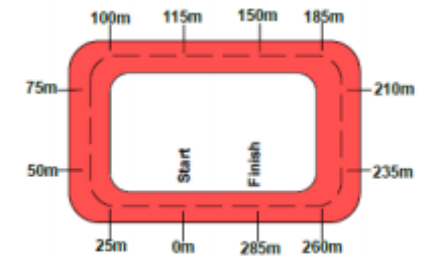
Explain your answer.

Two race tracks have been split into 25m intervals.

Race track A



Race track B



What errors have been made?

Wednesday: Additional Reference Page 3

Find multiples of the given numbers and add them to make the target number.

Target Number: 99

Add a multiple of 7 to a multiple of 25.

Target Number: 7081

Add a multiple of 1000 to a multiple of 9.

Target Number: 1068

Add a multiple of 25, a multiple of 6 and a multiple of 1000.

Target Number: 3175

Add a multiple of 1000 to a multiple of 25.

Target Number: 6057

Add a multiple of 7, a multiple of 6 and a multiple of 1000.

Target Number: 116

Add a multiple of 6, a multiple of 9 and a multiple of 25.

Target Number: 128

Add a multiple of 7 to a multiple of 9.

Multiplication Grid

| x | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 2 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| 3 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 |
| 4 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 | 44 | 48 |
| 5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| 6 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 |
| 7 | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 | 77 | 84 |
| 8 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 | 88 | 96 |
| 9 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 | 99 | 108 |
| 10 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| 11 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | 110 | 121 | 132 |
| 12 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 |