Year 3&4 Homework – Week 1

Homework is due in on every Wednesday, please complete it in your red homework books and hand it in on time. *

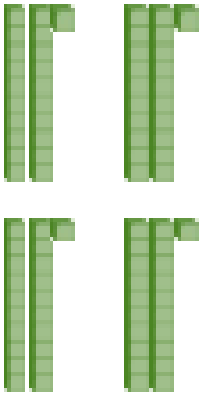
YEAR 3 MATHS:

In Maths this week, Year 3 has been learning to multiply 2-digit by 1-digit.

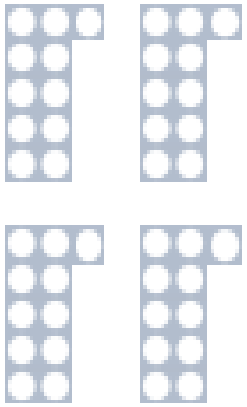
Please complete the questions in the pages below. Feel free to challenge yourself and attempt the trickier questions

1. Which representation is the odd one out?

A.



B.

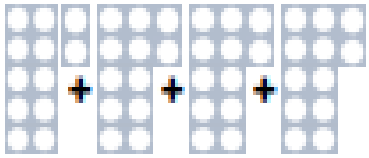


C.

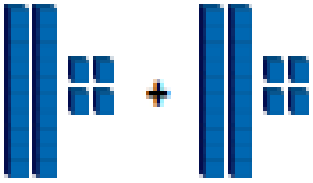
T	O
●●	●
●●	●
●●	●
●●	●

2. Match the representations to the correct multiplication sentences and complete.

A.



B.



C.

T	O
●●	●●●
●●	●●●
●●	●●●

1. 24 x 2 = ☐

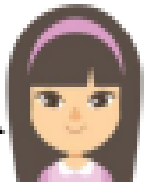
2. 23 x 3 = ☐

3. 12 x 4 = ☐

3. Ryan and Kelsi are finding the missing number in the calculation.

Ryan: I think the missing number is 36

13 x 3 = ☐



Kelsi: I think the missing number is 39

T	O
●	●●●
●	●●●
●	●●●

Who do you agree with? Explain your choice.

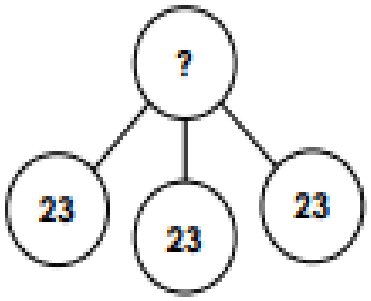
Multiply 2 Digits by 1 Digit 1

4. Which representation is the odd one out?

A.

	T	O
	2	3
x		4
	?	?

B.

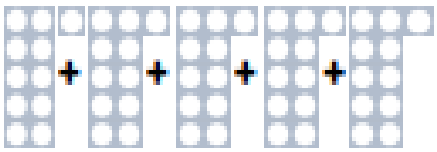


C.

T	O
●●	●●●
●●	●●●
●●	●●●

5. Match the representations to the correct multiplication sentences and complete.

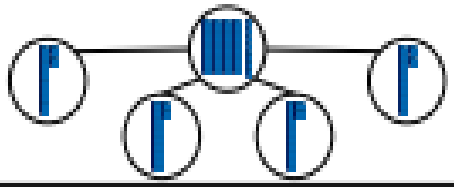
A.



B.

T	O
●●	●
●●	●
●●	●

C.



1. ☐ x 4 = ☐
2. 11 x ☐ = ☐
3. ☐ x 3 = ☐

6. Gabriella and Troy are finding the missing numbers in the calculation.

Gabriella: I think the missing numbers are 33 and 99

Troy: I think the missing numbers are 31 and 93

Who do you agree with? Explain your choice.

3 x ☐ = ☐

T	O
●●●	●
●●●	●
●●●	●

Multiply 2 Digits by 1 Digit 1

7. Complete representations B and C so that C is the odd one out.

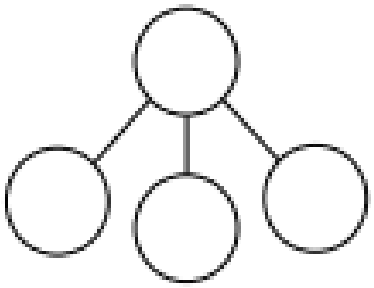
A.

	T	O
	3	3
x		3
	9	9

B.

□ + □ + □

C.



8. Write the multiplication sentence to match the representation.

A. 43 + 43 → □ x 2 = □

B.

	T	O
	2	1
x		4

→ 21 x □ = □

C. 23 + 23 + 23 → □ x 3 = □

9. Chad and Zara are finding the missing numbers in the calculation.

I think the missing calculation is 11 x 8

Chad

I think the missing calculation is 22 x 4

Zara

□ x □ = 88

Who do you agree with? Explain your choice.

Year 4 Maths

Year 4 have been learning to multiply 2-digit by 1-digit. Complete the worksheet below to consolidate your learning. Please feel free to challenge yourself with the trickier questions!

Efficient Multiplication

1. Solve the calculation below in the most efficient way.

1 x 7 = 7
2 x 7 = 14
3 x 7 = 21
4 x 7 = 28
5 x 7 = 35
6 x 7 = 42

53 x 7

7 x 7 = 49
8 x 7 = 56
9 x 7 = 63
10 x 7 = 70
11 x 7 = 77
12 x 7 = 84

Remember to show your working.

2. Look at the calculation below and decide if it has been solved efficiently or inefficiently.

92 x 3

efficiently

90	x	3	=	270
2	x	3	=	6
270	+	6	=	276

inefficiently

3. Create your own calculation using the digit cards and solve efficiently.

1 x 8 = 8
2 x 8 = 16
3 x 8 = 24
4 x 8 = 32
5 x 8 = 40
6 x 8 = 48

[ ] [ ] x 8 = [ ]

4 2 8

7 x 8 = 56
8 x 8 = 64
9 x 8 = 72
10 x 8 = 80
11 x 8 = 88
12 x 8 = 96

Remember to show your working.

Efficient Multiplication

4. Solve the calculation below in the most efficient way.

88 x 9

Remember to show your working.

5. Look at the calculation below and decide if it has been solved efficiently or inefficiently.

59 x 8

efficiently

50	x	8	=	400
9	x	8	=	72
400	+	72	=	472

inefficiently

6. Create your own calculation using the digit cards and solve efficiently.

☐☐ x ☐ = ☐

5 7 6 9

Remember to show your working.

Efficient Multiplication

7. Solve the calculation below in the most efficient way.

124 x 7

Remember to show your working.

8. Look at the calculation below and decide if it has been solved efficiently or inefficiently.

149 x 5

120	x	5	=	600
30	x	5	=	150
600	+	150	=	750
750	–	5	=	745

efficiently

inefficiently

9. Create your own calculation using the digit cards and solve efficiently.

☐☐☐ x ☐ = ☐☐

6 3 4 9 1

Remember to show your working.

GREATER DEPTH: