

Friday 5th February 2020

05/02/21

Year 4 Maths - Ch4 Review

Give me 5

$$5656 + 9595 = \boxed{}$$

$$6254 - 3256 = \boxed{}$$

$$42 \text{ divided by } 3 = \boxed{}$$

What is the value of the digit 4 in 3494? $\boxed{}$

$$83 \text{ divided by } 1 = \boxed{}$$

Give me 5

$$5656 + 9595 = 15251$$

$$6254 - 3256 = 2998$$

$$42 \text{ divided by } 3 = 14$$

What is the value of the digit 4 in 3494? 400

$$83 \text{ divided by } 1 = 83$$

Today we are going to be doing the chapter 4 review!

You are going to be using all of your multiplication and division skills to answer the questions in your workbook!

Let's get those brains warmed up first - think through these questions!

What happens when we times a number by 0?

What happens when a number is divided by itself? eg 5 divided by 5?

What happens when a number is divided by 1?

What are the steps to multiply a 3 digit number?

Name: _____ Class: _____ Date: _____

Review 4

1 Fill in the blanks.

(a) $7 \times 6 = \square + \square + \square + \square + \square + \square + \square$
 $= \square$
 $6 \times 7 = \square + \square + \square + \square + \square + \square = \square$
 $7 \times 6 = 6 \times \square$

(b) $7 \times 8 \times 3 = \square \times 3$
 $= \square + \square + \square = \square$

2 Match.

500×6	6×0	5×60	1×5	$900 \div 9$	$600 \div 6$
•	•	•	•	•	•
•	•	•	•	•	•
0	3000	5	100	300	100

3 Multiply.

(a)
$$\begin{array}{r} 57 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline \hline \end{array}$$

(b)
$$\begin{array}{r} 69 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline \hline \end{array}$$

(c)
$$\begin{array}{r} 842 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline \hline \end{array}$$

(d)
$$\begin{array}{r} 239 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} + \\ \hline \hline \end{array}$$

4 Divide.

(a) $95 \div 3$

$= \boxed{}$

$3 \overline{) 95}$

(b) $97 \div 4$

$= \boxed{}$

$4 \overline{) 97}$

(c) $725 \div 7$

$= \boxed{}$

$7 \overline{) 725}$

(d) $867 \div 9$

$= \boxed{}$

$9 \overline{) 867}$

Solve.

- 5 The aquarium has 198 guppies, angelfish and catfish altogether.
There are 4 times as many guppies as angelfish. There are 6 more
angelfish than catfish.
How many catfish are there?



- 6 A bag of 8 sausages costs £9.
Sam has £120.
At the very most, how many sausages can Sam buy?



Extension

- 1.) What could the numbers in the multiplication be? Every digit is different.
 $??? \times 3 = ????$
- 2.) Miss Wood orders some new whiteboard pens for Year 5 and 6. There are 160 children in Year 5 and 6. If she orders 6 boxes of 27 pens, will she have enough? Show your calculation.
- 3.) In one month, Charlie read 814 pages in his books. His mum read 4 times as much as Charlie which was 184 pages more than Charlie's dad. How many pages did they read altogether? Use a bar model to help.
- 4.) • Penny says a two digit number multiplied by a one digit number will always give a two digit answer. Is she correct? Justify your answer.
- 5.) • Find the mistake that has been made in the calculation below. Explain and correct it.
- $$\begin{array}{r} 47 \\ \times \quad 8 \\ \hline 3256 \end{array}$$
- 6.) • What number goes in the missing box? Convince me.
- $$3 \square \times 4 = 140$$

Name: _____ Class: _____ Date: _____



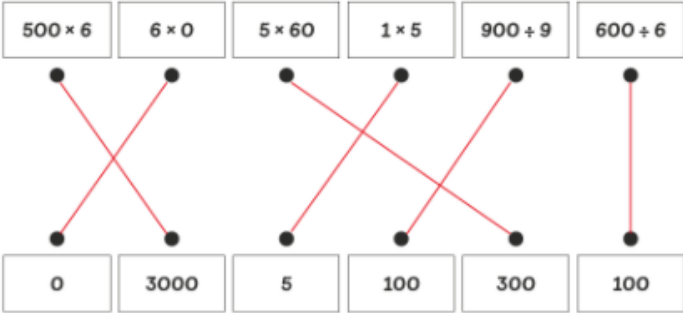
Review 4

1 Fill in the blanks.

(a) $7 \times 6 = \boxed{6} + \boxed{6} + \boxed{6} + \boxed{6} + \boxed{6} + \boxed{6} + \boxed{6}$
 $= \boxed{42}$
 $6 \times 7 = \boxed{7} + \boxed{7} + \boxed{7} + \boxed{7} + \boxed{7} + \boxed{7} = \boxed{42}$
 $7 \times 6 = 6 \times \boxed{7}$

(b) $7 \times 8 \times 3 = \boxed{56} \times 3$
 $= \boxed{56} + \boxed{56} + \boxed{56} = \boxed{168}$

2 Match.



3 Multiply.

(a)

$$\begin{array}{r} 57 \\ \times 6 \\ \hline 42 \\ + 300 \\ \hline 342 \end{array}$$

(b)

$$\begin{array}{r} 69 \\ \times 8 \\ \hline 72 \\ + 480 \\ \hline 552 \end{array}$$

(c)

$$\begin{array}{r} 842 \\ \times 7 \\ \hline 14 \\ 280 \\ + 5600 \\ \hline 5894 \end{array}$$

(d)

$$\begin{array}{r} 239 \\ \times 9 \\ \hline 81 \\ 270 \\ + 1800 \\ \hline 2151 \end{array}$$

4 Divide.

(a) $95 \div 3$

= $\begin{array}{r} 31 \\ \text{remainder } 2 \end{array}$

$$\begin{array}{r} 31 \\ 3 \overline{) 95} \\ \underline{-9} \\ 5 \\ \underline{-3} \\ 2 \end{array}$$

(b) $97 \div 4$

= $\begin{array}{r} 24 \\ \text{remainder } 1 \end{array}$

$$\begin{array}{r} 24 \\ 4 \overline{) 97} \\ \underline{-8} \\ 17 \\ \underline{-16} \\ 1 \end{array}$$

(c) $725 \div 7$

= $\begin{array}{r} 103 \\ \text{remainder } 4 \end{array}$

$$\begin{array}{r} 103 \\ 7 \overline{) 725} \\ \underline{-7} \\ 25 \\ \underline{-21} \\ 4 \end{array}$$

(d) $867 \div 9$

= $\begin{array}{r} 96 \\ \text{remainder } 3 \end{array}$

$$\begin{array}{r} 096 \\ 9 \overline{) 867} \\ \underline{-0} \\ 86 \\ \underline{-81} \\ 57 \\ \underline{-54} \\ 3 \end{array}$$

Solve.

- 5 The aquarium has 198 guppies, angelfish and catfish altogether.
There are 4 times as many guppies as angelfish. There are 6 more
angelfish than catfish.
How many catfish are there?

Angelfish
Guppies
Catfish 6

} 198



$$198 + 6 = 204$$

$$204 \div 6 = 34$$

$$34 - 6 = 28$$

There are 28 catfish.

- 6 A bag of 8 sausages costs £9.
Sam has £120.
At the very most, how many sausages can Sam buy?

$$£120 \div £9 = 13 \text{ remainder } 3$$

$$13 \times 8 = 104$$

At the very most, Sam can buy 104 sausages.



