

# Year 3 Maths 1<sup>st</sup> July 2020

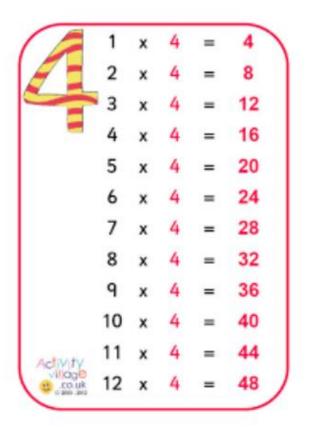


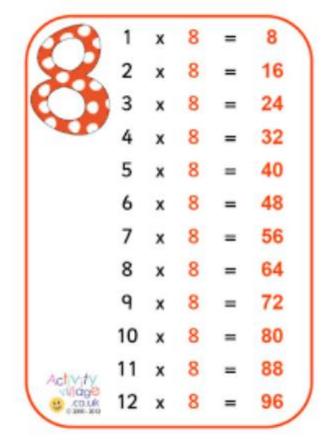
- SC: To be able to use formal methods of addition and subtraction.
- LO: I can add the units first and carry the tens for addition.
- I can add the tens and carry the hundreds for addition.
- I can exchange the tens for subtraction.
- I can exchange the hundreds for subtraction.
- I can identify if a word problem needs me to add or subtract.



#### **Fluency Starter**

What do you notice about the 4 and 8 x table?







• The 8 x table answers are double those of the 4 x table.



- Now answer these questions:
- 8 x 4 = 8 x 8 =
- 5 x 4 = 5 x 8 =
- 10 x 4 = 10 x 8 =
- 7 x 4 = 7 x 8 =



- Now answer these questions:
- 8 x 4 = **32** 8 x 8 = **64**
- 5 x 4 = **20** 5 x 8 = **40**
- 10 x 4 = **40** 10 x 8 = **80**
- 7 x 4 = **28** 7 x 8 = **56**



### **Main Teaching**

• How will you solve this?

245 + 226 =

Think about using expanding addition, jottings or contracted addition.

If your child is unsure how to tackle this question check out Tuesday's input for a fuller explanation.



#### **Main Teaching Answer**

• 245 + 226 = **471** 

245	200+40+5
<u>226</u>	<u>200+20+6</u>
471	400.0.44
4/1	400+60+11



• How will you solve this?

563 + 276 =

Think about using expanding addition, jottings or contracted addition.



### **Main Teaching Answer**

• 563 + 276 = 839

563	500+60+3
<u>276</u>	<u>200+70+6</u>
839	7 0 0 +13 0 + 9
1	



- Try these:
- 637 + 247 =
- 379 + 262 =
- 773 + 185 =
- Josie bought 167 stickers for her sister and 264 for herself. How many stickers did Josie buy in total?



- Try these:
- 637 + 247 = **884**
- 773 + 185 = **958**
- Josie bought 167 stickers for her sister and 264 for herself. How many stickers did Josie buy in total?
- 167 + 264 = 431



• How will you solve this?

567 - 148 =

Think about using expanding subtraction, jottings or contracted subtraction.



#### **Main Teaching Answer**

567 - 148 = **419** 

$$500500 17$$

$$100408$$

$$400+10+9$$



## **Fluency Activity**

- Try these:
- 859 375 =
- 787 269 =
- 453 248 =
- Joel had 354 stickers in his album. He removed 185. How many are left in his album?



- Answers:
- 859 375 = **484**
- 787 269 **= 518**
- Joel had 354 stickers in his album. He removed 185. How many are left in his album? 354 185 = 169



- Please answer the questions on WEDNESDAY MATHS WORKSHEET.
- Have a go at the challenge if you have time.



### **Activity Answers**

- 453 248 = **205**
- 379 + 262 = **641**
- 713 572 = **141**
- 175 + 595 = **770**
- 948 369 = **579**
- 342 + 771 = **1113**



- There are 167 books in Hawthorn class and 392 books in Willow class. How many books are there altogether?
- 167 + 392 = **559**
- Abi collects stamps. She has 456 in an album. She gives 172 to her friend. How many does she have left?
- 456 172 = **284**
- Jay has a collection of 263 football cards. He gives his brother 189. How many football cards does Jay have left?
- 263 189 **= 74**
- A family drove 289km to go on holiday. Then they drove to 149 to go to a theme park. How far did they go in total?
- 289km + 149km = **438km**



#### **Challenge Answers**

- Answers:
- 67 5**8** = 9
- 50 **20** = **20** + 10
- 1 + 10 + **89** = 100
- 72 **5**4 = 18
- 82 **24** = 46 + 12
- 7 + 62 + **51** = 120