

# KS1 Math's flip learning for the week beginning: 3<sup>rd</sup> May 2021


In KS1 we will be revisiting multiplication and division this week to help us develop our calculation skills further. **Write answers to these addition problems in your red homework books.**


## Year 1 - How can adding help me multiply?


<https://www.bbc.co.uk/bitesize/topics/znj7hyc/articles/znbwhbk>

**Add Equal Groups**


1. Match the images to the correct number sentences.

A.   $2 + 2 + 2 + 2 = 8$

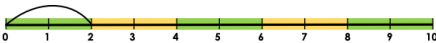
B.   $2 + 2 + 2 = 6$

C.   $2 + 2 = 4$



2. How many spots are there?  
Complete the sentence and complete the number line.




There are \_\_\_\_\_ spots. There are 5 groups of 2 spots.



3. Which is the odd one out?


A.  B. 


C.  $2 + 2 = 4$  D. 


Explain your answer.

**Add Equal Groups**


4. Match the images to the correct number sentences and then complete them.

A.   $5 + 5 + 5 + 5 + 5 = \square$

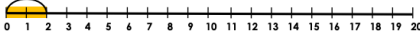
B.   $2 + 2 + 2 + 2 + 2 = \square$

C.   $10 + 10 = \square$


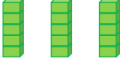
5. How many biscuits are there?  
Complete the sentences and complete the number line.




There are \_\_\_\_\_ biscuits. There are \_\_\_\_\_ groups of 2 biscuits.



6. Which is the odd one out?


A.  B. 


C.  D.  $2 + 2 + 2 = 6$


Explain your answer.

**Add Equal Groups**


7. Match the sentences to the correct totals and then complete the number sentences.

A. 4 packets of 5 biscuits   $\square + \square + \square + \square + \square = 10$


B. 5 pairs of flip flops   $\square + \square + \square = 30$

C. 3 bundles of 10 straws   $\square + \square + \square + \square = 20$


8. There are six aliens. Each alien has five eyes.  
Complete the sentences using numerals and complete the number line.




There are \_\_\_\_\_ eyes. There are \_\_\_\_\_ groups of \_\_\_\_\_ eyes.



9. Which is the odd one out?

A.  B.  $10 + 10 + 10 + 10 + 10 = 50$

C. There are five packets of ten seeds. 

Explain your answer.

**Answer sheet to check your work.**

### Add Equal Groups

#### Developing

- A.  $2 + 2 + 2 = 6$ ; B.  $2 + 2 + 2 + 2 = 8$ ; C.  $2 + 2 = 4$
- There are 10 spots. 5 groups of 2 identified on the number line.
- C because the others represent 4 groups of 2.

#### Expected

- A.  $2 + 2 + 2 + 2 + 2 = 10$ ; B.  $10 + 10 = 20$ ; C.  $5 + 5 + 5 + 5 + 5 = 25$
- There are 12 biscuits. There are 6 groups of 2 biscuits. 6 groups of 2 identified on the number line.
- D because the others represent 3 groups of 5.

#### Greater Depth

- A.  $5 + 5 + 5 + 5 = 20$ ; B.  $2 + 2 + 2 + 2 + 2 = 10$ ; C.  $10 + 10 + 10 = 30$
- There are 30 eyes. There are 6 groups of 5 eyes. 6 groups of 5 identified on the number line.
- D because the others represent 5 groups of 10. D represents 4 groups of 10 and 2 groups of 5.

## Year 2

- Which order should I multiply numbers in?

<https://www.bbc.co.uk/bitesize/topics/znj7hyc/articles/zht3d6f>

### Multiplication from Pictures

1. Circle the multiplication shown by the image below.



A.

$$4 \text{ lots of } 3 = 12$$

$$4 \times 3 = 12$$

B.

$$3 \text{ lots of } 3 = 9$$

$$3 \times 3 = 9$$

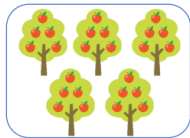
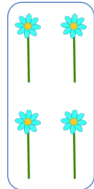
C.

$$3 \text{ lots of } 4 = 12$$

$$3 \times 4 = 12$$



2. Tick the multiplication number sentence that has not been shown as a picture.



A.

$$5 \text{ lots of } 5$$

$$5 \times 5$$

☐

B.

$$3 \text{ lots of } 4$$

$$3 \times 4$$

☐

C.

$$4 \text{ lots of } 8$$

$$4 \times 8$$

☐


3. TJ and Lucy each have a group of vegetables. They compare their groups.



My group has the most vegetables because I have 3 lots of 5.

TJ



My group has the most vegetables because I have 4 lots of 3.

Lucy

Who do you agree with? Explain why using multiplication.



### Multiplication from Pictures

4. Circle the multiplication shown by the image below.



A.

$$6 \times 7 = 42$$

B.

$$8 \times 6 = 48$$

C.

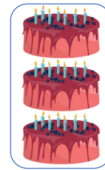
$$7 \times 7 = 49$$

D.

$$7 \times 6 = 42$$



5. Tick the multiplication number sentence that has not been shown as a picture.



A.

$$3 \times 4$$

☐

B.

$$4 \times 4$$

☐

C.

$$3 \times 6$$

☐

D.

$$3 \times 7$$

☐


6. Matt and Jasmin each have a group of coins. They compare their groups.



My group has the most money because I have 7 lots of 1p coins.

Matt



My group has the most money because my coins are 2p each.

Jasmin

Who do you agree with? Explain why using multiplication.



### Multiplication from Pictures

7. Circle the multiplication shown by the image below.



A.

$$9 \times 10 = 90$$

eggs

B.

$$10 \times 8 = 80$$

eggs

C.

$$8 \times 10 = 80$$

eggs

D.

$$10 \times 9 = 90$$

eggs



8. Circle the multiplication number sentence that has not been shown as a picture.



A.

$$12 \times 2 = 24$$

☐

B.

$$10 \times 2 = 20$$

☐

C.

$$5 \times 5 = 25$$

☐

D.

$$9 \times 2 = 18$$

☐


9. Benji and Siobhan are comparing the total value of the money in the purses below.



My group has the least amount of money because there are only 7 purses in total.

Benji



My group has the least amount of money because each purse only has 5p inside.

Siobhan

Who do you agree with? Explain why using multiplication.



## Answers to help you check your work

### Homework/Extension Multiplication from Pictures

#### Developing

1. **A**

2. **B**

3. **TJ is correct because  $5 \times 3 = 15$  and  $4 \times 3 = 12$  which means TJ has more vegetables than Lucy.**

#### Expected

4. **D**

5. **C**

6. **Jasmin is correct because  $5 \times 2p = 10p$  and  $7 \times 1p = 7p$  which means Jasmin has more money than Matt.**

#### Greater Depth

7. **C**

8. **B**

9. **Siobhan is correct because  $7 \times 10p = 70p$  and  $10 \times 5p = 50p$  therefore the value of money in Benji's group is more than her group.**