

# Good morning



Home Learning  
Wednesday 1<sup>st</sup> April

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L.O. – to multiply fractions by whole numbers

**Maths**

Try practising yesterday's maths by playing:

**Cave Commotion!** on *ActiveLearn*

Today you are going to be multiplying fractions.

e.g.  $\frac{1}{5} \times 3 = \frac{3}{5}$

Multiply the numerator by the whole number.

If your answer is an improper fraction, you will need to simplify it.

**Remember:**

Just like in the classroom, the choice of challenge is up to you. You can do a) and b) as well as more than one challenge if you have time.

Practise multiplying fractions with the *ActiveLearn* game

**Bug Zapper!**

All of these games can be played again so keep practising.

# Fantastic Challenge

## Multiply Unit Fractions by an Integer

1a. Use the images to calculate:

$$\frac{1}{4} \times 3 = \square$$



VF

2a. True or false?

$$\frac{1}{8} \times 3 = \frac{3}{24}$$



VF

3a. Match the correct answer to the calculation below.

$$\frac{1}{7} \times 6 = \boxed{\frac{1}{7} \quad \frac{1}{7} \quad \frac{1}{7} \quad \frac{1}{7} \quad \frac{1}{7} \quad \frac{1}{7} \quad \frac{1}{7}}$$

A.  $\frac{1}{7}$     B.  $\frac{6}{7}$     C.  $\frac{6}{42}$



VF

4a. Complete the calculations.

A.  $\frac{1}{5} \times \square = \text{circle with 5 sectors, 3 shaded pink} = \frac{3}{5}$

B.  $\frac{1}{8} \times \square = \text{circle with 8 sectors, 7 shaded yellow} = \frac{7}{8}$



VF

## Multiply Unit Fractions by an Integer

1b. Use the images to calculate:

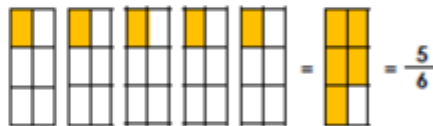
$$\frac{1}{5} \times 4 = \square$$



VF

2b. True or false?

$$\frac{1}{6} \times 5 = \frac{5}{6}$$



VF

3b. Match the correct answer to the calculation below.

$$\frac{1}{9} \times 5 = \boxed{\frac{1}{9} \quad \frac{1}{9} \quad \frac{1}{9} \quad \frac{1}{9} \quad \frac{1}{9} \quad \frac{1}{9} \quad \frac{1}{9} \quad \frac{1}{9} \quad \frac{1}{9}}$$

A.  $\frac{5}{45}$     B.  $\frac{9}{5}$     C.  $\frac{5}{9}$



VF

4b. Complete the calculations.

A.  $\frac{1}{6} \times \square = \text{circle with 6 sectors, 5 shaded green} = \frac{5}{6}$

B.  $\frac{1}{7} \times \square = \text{circle with 7 sectors, 3 shaded blue} = \frac{3}{7}$



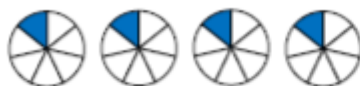
VF

## Fun Challenge

### Multiply Unit Fractions by an Integer

5a. Use the images to calculate:

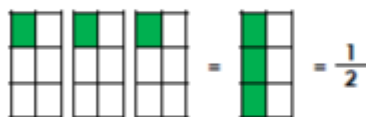
$$\frac{1}{7} \times 4 = \square$$



VP

6a. True or false?

$$\frac{1}{6} \times 3 = \frac{1}{2}$$



VP

7a. Match the correct answer to the calculation below.

$$\frac{1}{8} \times 4 = \frac{1}{8} \quad \frac{1}{8} \quad \frac{1}{8} \quad \frac{1}{8} \quad \frac{1}{8} \quad \frac{1}{8} \quad \frac{1}{8} \quad \frac{1}{8}$$

A.  $\frac{1}{32}$     B.  $\frac{4}{32}$     C.  $\frac{1}{2}$



VP

8a. Complete the calculations. Convert the improper fractions to mixed numbers.

A.  $\frac{1}{10} \times 11 =$     $= \square$

B.  $\frac{1}{7} \times 12 =$     $= \square$



VP

### Multiply Unit Fractions by an Integer

5b. Use the images to calculate:

$$\frac{1}{9} \times 5 = \square$$



VP

6b. True or false?

$$\frac{1}{8} \times 2 = \frac{1}{2}$$



VP

7b. Match the correct answer to the calculation below.

$$\frac{1}{12} \times 4 = \frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12}$$

A.  $\frac{4}{48}$     B.  $\frac{1}{3}$     C.  $\frac{1}{4}$



VP

8b. Complete the calculations. Convert the improper fractions to mixed numbers.

A.  $\frac{1}{9} \times 10 =$     $= \square$

B.  $\frac{1}{5} \times 8 =$     $= \square$



VP

# Fabulous Challenge

## Multiply Unit Fractions by an Integer

9a. Complete the calculation then reduce each fraction to its simplest form using knowledge of equivalent fractions.

A.  $\frac{1}{8} \times 6 = \square = \square$

B.  $\frac{1}{6} \times 2 = \square = \square$



VF

## Multiply Unit Fractions by an Integer

9b. Complete the calculation then reduce each fraction to its simplest form using knowledge of equivalent fractions.

A.  $\frac{1}{9} \times 3 = \square = \square$

B.  $\frac{1}{12} \times 9 = \square = \square$



VF

10a. True or false?

A.  $\frac{1}{12} \times 8 = \frac{8}{12} = \frac{2}{3}$

B.  $\frac{1}{9} \times 6 = \frac{6}{9} = \frac{1}{3}$



VF

10b. True or false?

A.  $\frac{1}{6} \times 4 = \frac{4}{6} = \frac{2}{6}$

B.  $\frac{1}{12} \times 2 = \frac{2}{12} = \frac{1}{6}$



VF

11a. Match the correct answer to the calculation below.

$\frac{1}{9} \times 12 = \square$

A.  $1\frac{12}{9}$    B.  $1\frac{1}{3}$    C.  $1\frac{1}{9}$



VF

11b. Match the correct answer to the calculation below.

$\frac{1}{8} \times 10 = \square$

A.  $1\frac{1}{4}$    B.  $1\frac{1}{8}$    C.  $1\frac{10}{8}$



VF

12a. Complete the calculations. Convert the improper fractions to mixed numbers.

A.  $\frac{1}{11} \times 12 = \square = \square$

B.  $\frac{1}{6} \times 8 = \square = \square$



VF

12b. Complete the calculations. Convert the improper fractions to mixed numbers.

A.  $\frac{1}{7} \times 10 = \square = \square$

B.  $\frac{1}{8} \times 12 = \square = \square$



VF

Wednesday 1<sup>st</sup> April

L.O. – to write a discussion

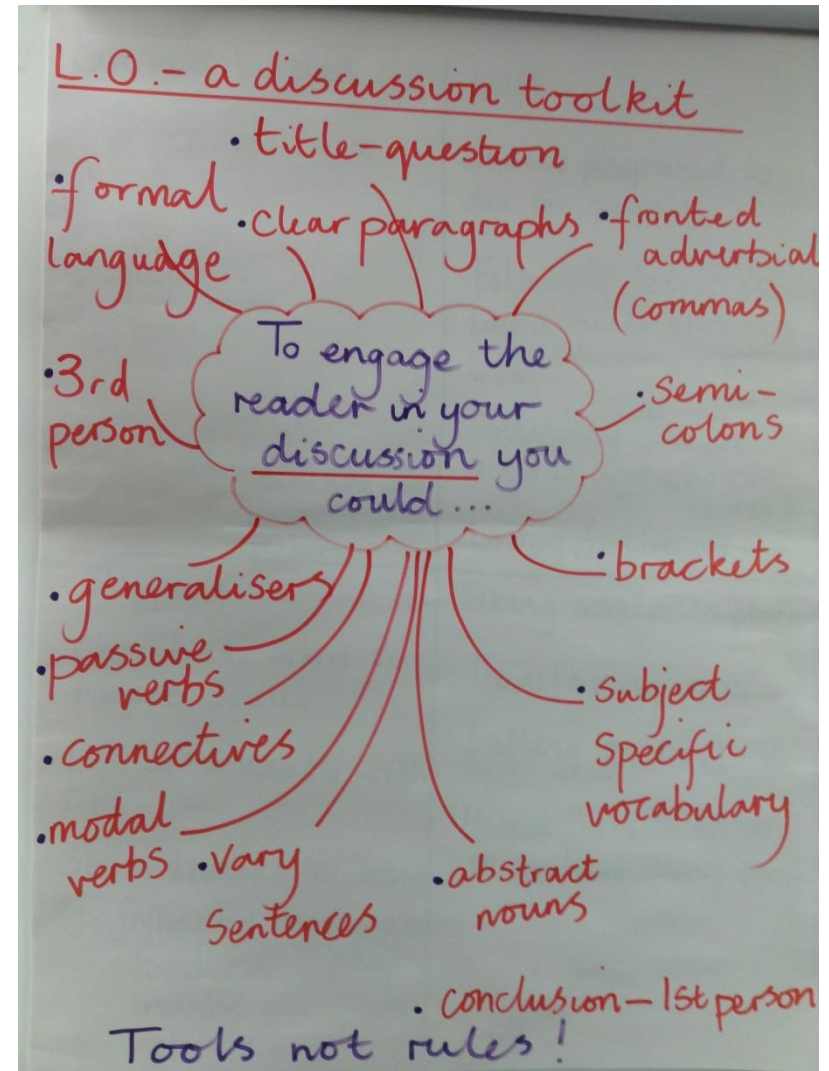
## English

Today I would like you to complete your **hot task** for discussion writing.

Use your plan from yesterday; you don't have to stick to it rigidly.

Before you start, have a look at the toolkit that we wrote together in school. Do you remember what all the features are?

## Tools not Rules!

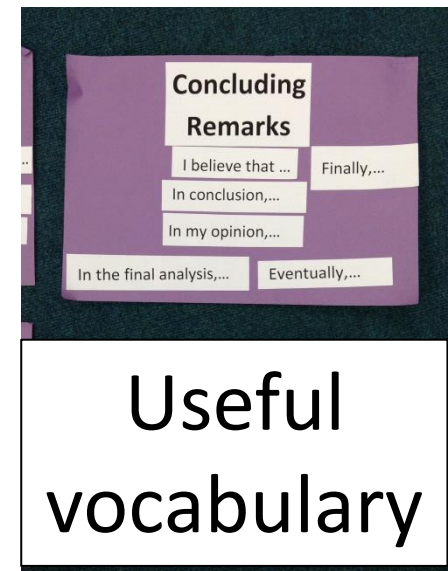
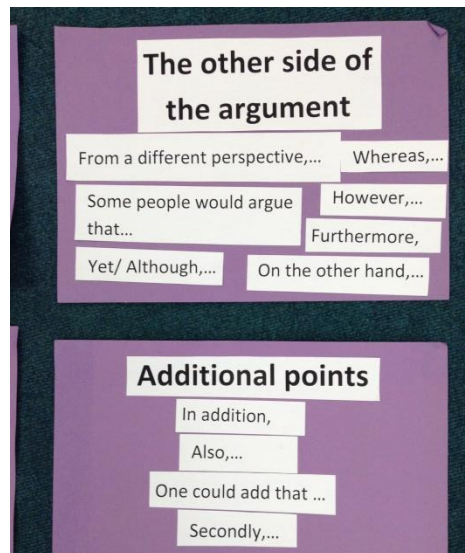
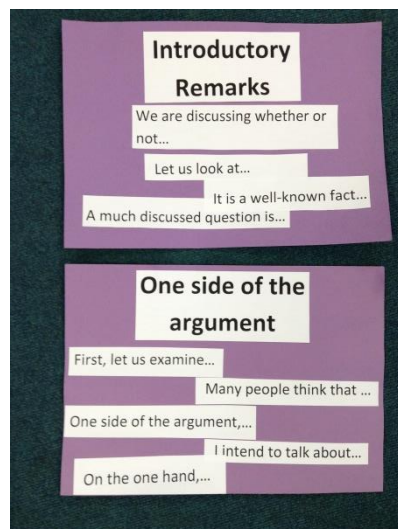


# Should a new town be built near Great Chesterford?

## Success Criteria

- I have written a balanced discussion
- I have written in paragraphs
- I have used the toolkit
- I have used the WC

1. Introduction
2. Points for
3. Points against
4. Conclusion



# Keeping in touch

- If you can, send me a screenshot of your work
  - I will post the answers to Maths challenges the day after they were set so that you can mark what you have done
- If you have any questions about your work, send me an email
  - Let me know what you have been doing to keep active