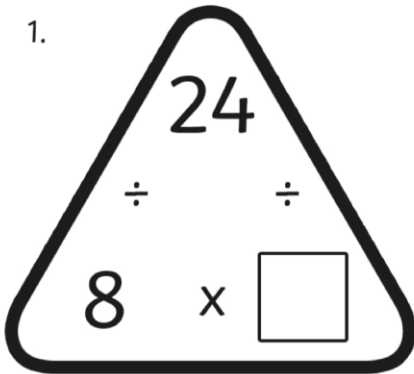## Year 3: Numeracy Day 1 Week 2

**Each day, complete your times table starter. Then watch the video lesson, clicking through each round tab then complete the related worksheet.**
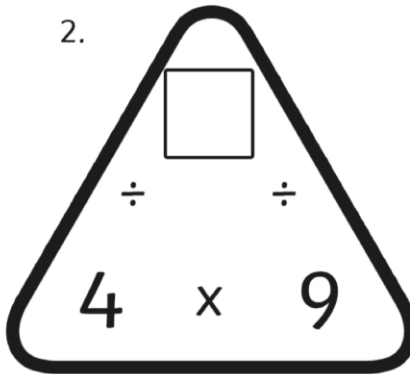
### Times Tables Starter

1. **Log into Times Tables Rock Stars and practice your 8x table**
2. **Complete the multiplication grid below. Time how long it takes you to complete it. (Did you improve your time from last week?)**

| X | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----|---|---|---|---|---|---|---|---|---|----|----|----|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |

# Main Task

## Fractions

[https://classroom.thenational.academy/lessons/to-describe-the-part-whole-relationship-c5k62r](https://classroom.thenational.academy/lessons/to-describe-the-part-whole-relationship-c5k62r)

## Main Activity

### Instruction

Look at the images you have been provided with. Zoom in and out to find parts of the whole.

### Challenge

Design your own part-whole Relationship. Draw pictures to help you.

The day is the whole, _____ is a part.

A day is a part, _____ is the whole.

The house is the whole, _____ is a part.

A house is a part, _____ is the whole.

The time in the park is the whole, _____ is a part.

A time in the park is a part, _____ is the whole.

**Each day, complete your times table starter. Then watch the video lesson, clicking through each round tab then complete the related worksheet.**

**Times Tables Starter**

1. **Log into Times Tables Rock Stars and practice your 3x table**

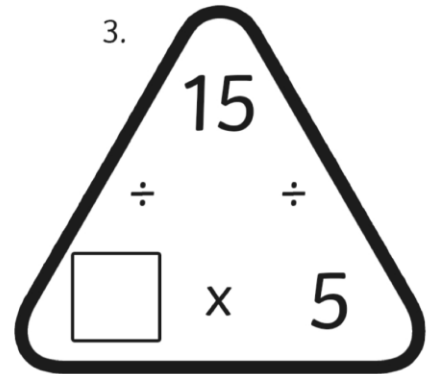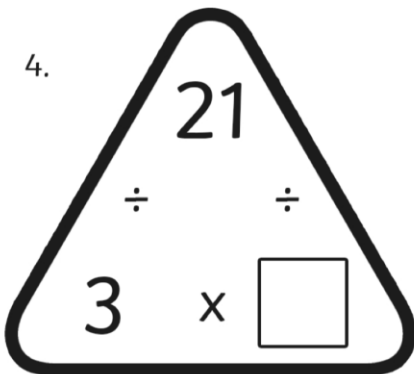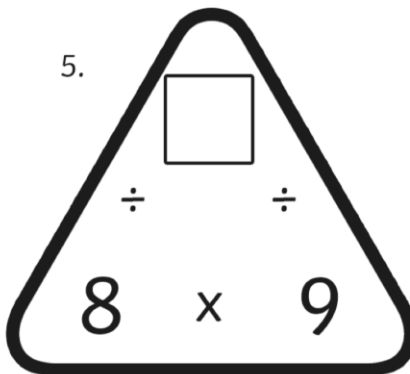2. **Fill in the blanks using your knowledge of the 3, 4 and 8 times table**
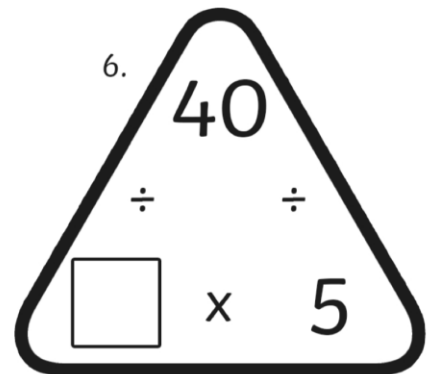
1.  24 ÷ ÷   8 × ☐

2.  ☐ ÷ ÷   4 × 9

3.  15 ÷ ÷   ☐ × 5

4.  21 ÷ ÷   3 × ☐

5.  ☐ ÷ ÷   8 × 9

6.  40 ÷ ÷   ☐ × 5

## Main Task

### Fractions

https://classroom.thenational.academy/lessons/to-recognise-parts-that-are-equal-and-parts-that-are-unequal-70rpcd

# Main Activity
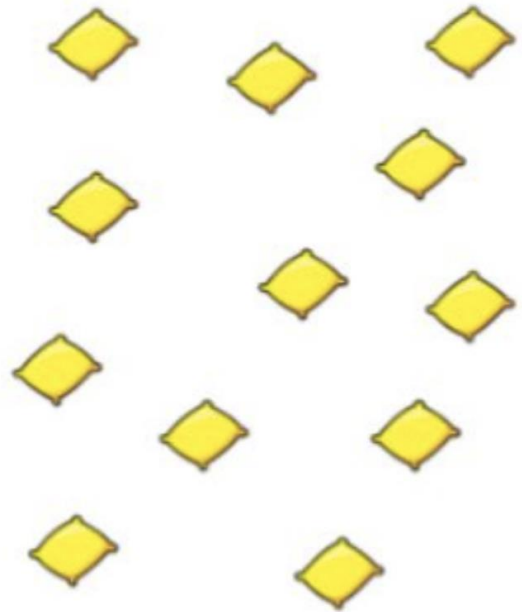
**Explore equal and unequal parts.**

Look at this set of bean bags. Can you make 3 equal parts?

Can you make 3 unequal parts?

**Challenge**

How many other equal parts can you make?

What if we double the amount of bean bags to 24?

**Each day, complete your times table starter. Then watch the video lesson, clicking through each round tab then complete the related worksheet.**

**Times Tables Starter**

1. **Log into Times Tables Rock Stars and practice your 4x table**
2. **Complete the tasks below using your knowledge of the 4 times table**

Count in 4s and colour in the grid:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |

Work out these answers:

a) 4 × 4 = _____ 

b) 3 × 4 = _____

c) 5 × 4 = _____

d) 2 × 4 = _____

e) 9 × 4 = _____

f) 6 × 4 = _____

g) 7 × 4 = _____

h) 1 × 4 = _____

i) 11 × 4 = _____

j) 8 × 4 = _____

k) 10 × 4 = _____

l) 12 × 4 = _____

**Main Task**

**Fractions- Recognise unit fractions**

**https://classroom.thenational.academy/lessons/to-recognise-identify-and-describe-unit-fractions-ccwpce**

## Main Activity

**Activity 1**

Write the shaded part as a fraction.

**Activity 2**

Draw your own shapes or objects to represent the following unit fractions:

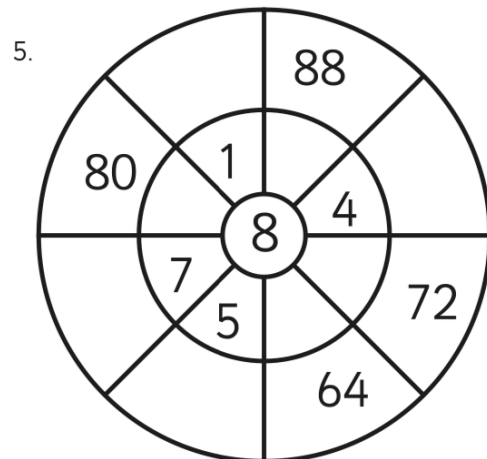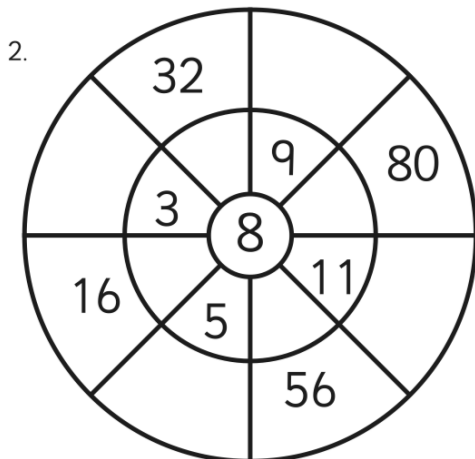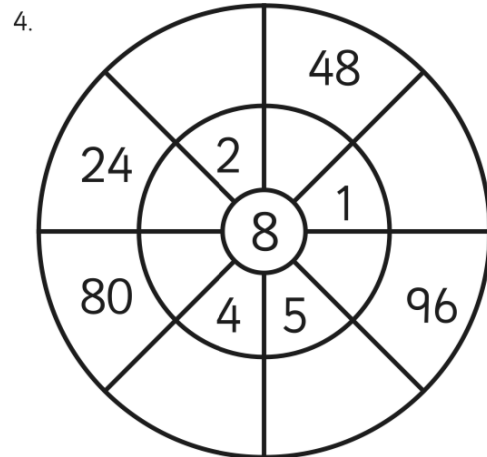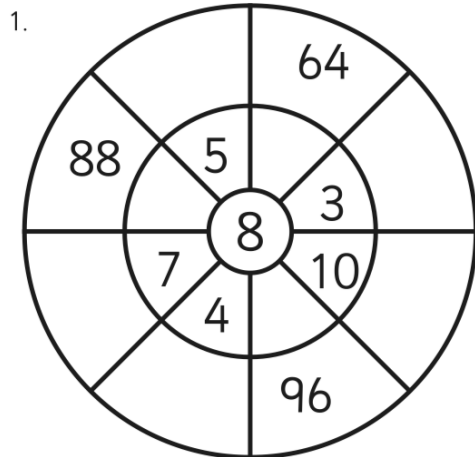- One seventh
- One eighth
- One sixth



2

# Year 3: Numeracy Day 4 Week 2

**Each day, complete your times table starter. Then watch the video lesson, clicking through each round tab then complete the related worksheet.**

## Times Tables Starter

1. **Log into Times Tables Rock Stars and practice your 8x table**
2. **Complete multiplication wheels below using your knowledge of the 8 times table**

1.

64
88  5
3
8
7  10
4
96

4.

48
24  2
1
8
80  4  5
96

2.

32
9  80
3
8
16  11
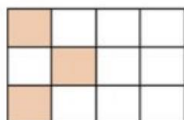5
56

5.

88
80  1
4
8
7
5  72
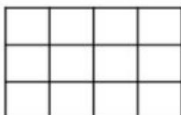64

## Main Activity

### Activity

Find the fraction of a given quantity to solve the problems.

**True or False?**

This shows $\frac{1}{4}$

Can you shade the same shape so that it shows $\frac{1}{3}$ ?

Who has more? Explain why.

I have $\frac{1}{4}$ of £8

Rosie

I have $\frac{1}{2}$ of £6

Whitney

Eva says,

I have $\frac{1}{4}$ because I have 4 marbles.

Do you agree? Explain why.

## Year 3: Numeracy Day 5 Week 2

**Each day, complete your times table starter. Then watch the video lesson, clicking through each round tab then complete the related worksheet.**

### Times Tables Starter

1. **Log into Times Tables Rock Stars and practice your 8x table**
2. **Complete the multiplication calculations below using your knowledge of the 8 times table**

$8 \times \underline{\hspace{1cm}} = 16$     $8 \times \underline{\hspace{1cm}} = 48$     $8 \times \underline{\hspace{1cm}} = 32$

$8 \times \underline{\hspace{1cm}} = 40$     $8 \times \underline{\hspace{1cm}} = 56$     $8 \times \underline{\hspace{1cm}} = 48$

$8 \times \underline{\hspace{1cm}} = 80$     $8 \times \underline{\hspace{1cm}} = 32$     $8 \times \underline{\hspace{1cm}} = 8$

$8 \times \underline{\hspace{1cm}} = 0$     $8 \times \underline{\hspace{1cm}} = 40$     $8 \times \underline{\hspace{1cm}} = 72$

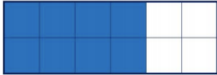$8 \times \underline{\hspace{1cm}} = 88$     $8 \times \underline{\hspace{1cm}} = 96$     $8 \times \underline{\hspace{1cm}} = 88$

https://classroom.thenational.academy/lessons/to-describe-unit-and-non-unit-fractions-75jkac

https://classroom.thenational.academy/lessons/to-identify-and-describe-non-unit-fractions-6cr32t?step=3&activity=worksheet

## Part 1

A) **Identify which fraction of each shape has been shaded in. Then describe whether it is a unit or non-unit fraction.**

| E.g. |  | $\frac{2}{5}$ | Two fifths is a non-unit fraction. |
|---|---|---|---|
| A) |  | | |
| B) |  | | |
| C) |  | | |
| D) |  | | |

## Part 2

A) **List or circle all of the non-unit fractions below.**
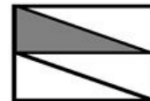
$$\frac{3}{5} \qquad \frac{8}{8} \qquad \frac{1}{7} \qquad \frac{2}{3} \qquad \text{Two sixths} \qquad \frac{1}{4} \qquad \frac{5}{12}$$

B) **This flag has 1 section shaded in grey. What fraction of the flag isn't shaded in? Is the unshaded fraction of the flag a unit or non-unit fraction?** 

C) **A Year 2 child drew a circle and split it into 12 equal parts. She shaded 3 parts blue and 2 parts green. What fraction of the flag did she not colour in? Describe this fraction.**