

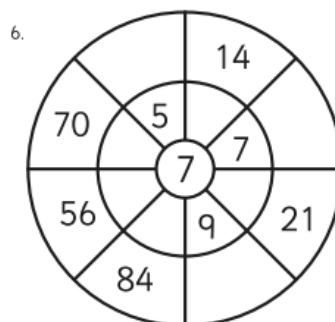
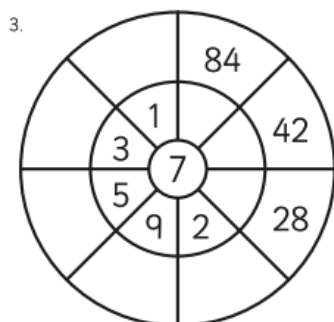
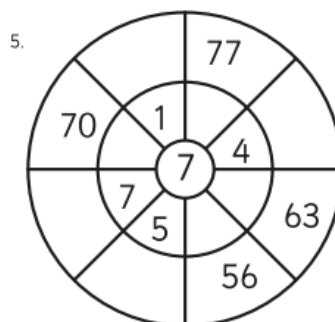
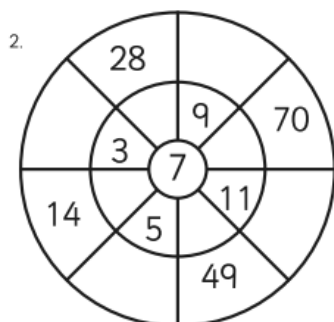
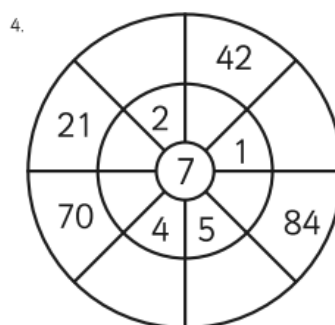
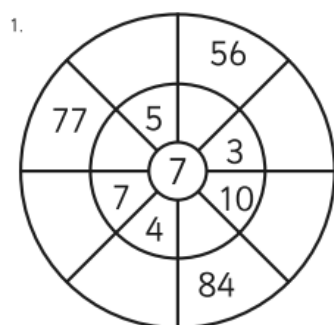
Year 5 Numeracy

Day 1 Week 4

Fractions part 2

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

7 times tables starter








To Identify and describe non-unit fractions

<https://classroom.thenational.academy/lessons/to-identify-and-describe-non-unit-fractions-6cr32t?step=2&activity=video>

Independent task Day 1

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.

$$\frac{3}{5}$$

$$\frac{8}{8}$$

$$\frac{1}{7}$$

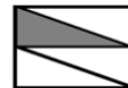
$$\frac{2}{3}$$

Two
sixths

$$\frac{1}{4}$$

$$\frac{5}{12}$$

- 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.



Year 5 Numeracy

Day 2 Week 4

7 x Times Tables Starter

2. Find the sets of 3 numbers from your 7× table number sentences. Colour them in. They may be horizontal, vertical or diagonal. Write the ones you find underneath. One is done for you as an example. How many can you find?

22	11	7	77	13	10	3	41	29	33
6	29	30	18	7	15	7	14	24	8
34	7	21	70	1	67	21	57	7	16
5	2	42	4	7	48	37	56	11	12
17	10	7	81	7	23	19	8	7	23
35	4	7	14	63	3	28	84	49	41
7	25	11	7	50	7	43	37	7	76
5	19	9	10	4	14	66	48	7	82

a. $4 \times 7 = 28$

g. _____

b. _____

h. _____

c. _____

i. _____

d. _____

j. _____

e. _____

k. _____

f. _____

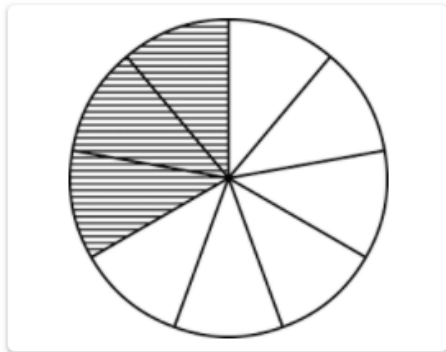
l. _____

To Identify and describe non-unit fractions

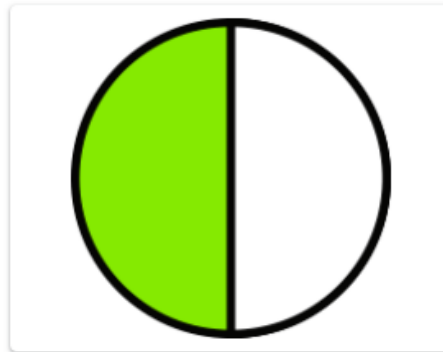
<https://classroom.thenational.academy/lessons/to-identify-and-describe-non-unit-fractions-6cr32t?step=2&activity=video>

Which of these pictures represent a non-unit fraction? *

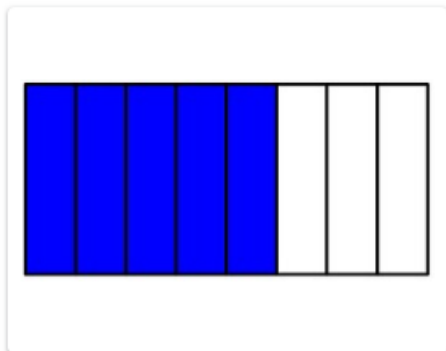
2 points



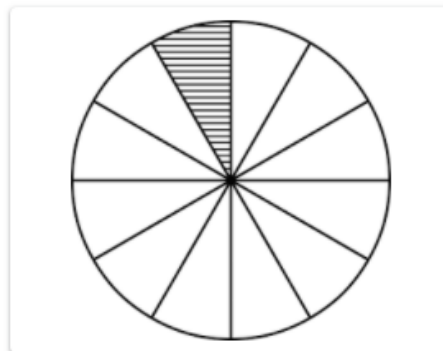
☐ Option 1



☐ Option 2



☐ Option 3



☐ Option 4

Elizabeth ate 5 parts of a chocolate bar. The chocolate bar was split into 20 equal parts. What non-unit fraction of the chocolate bar did Elizabeth not eat? *

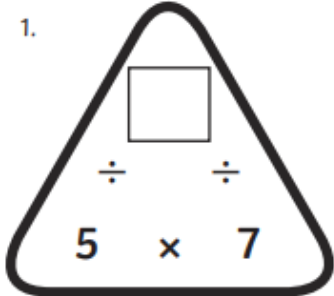
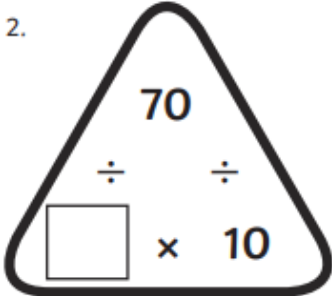
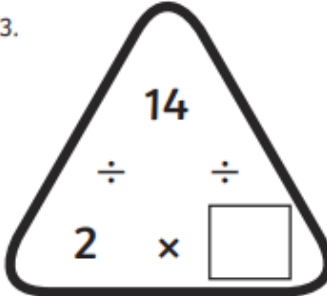
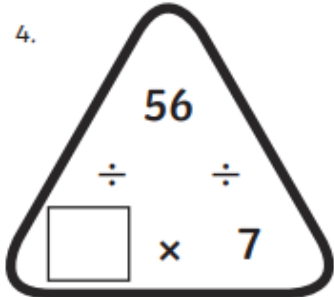
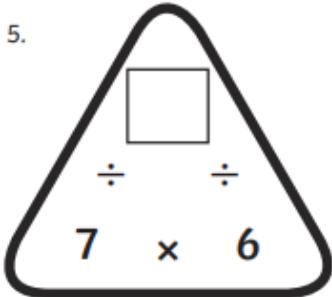
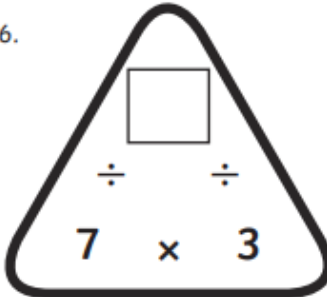
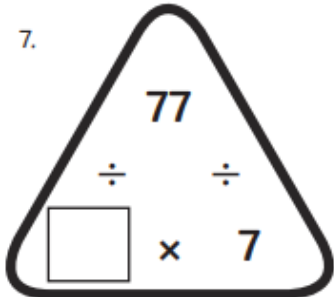
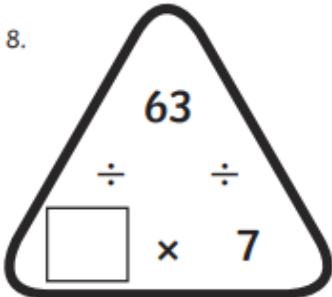
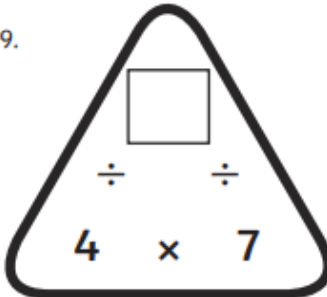
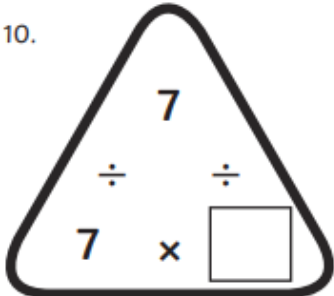
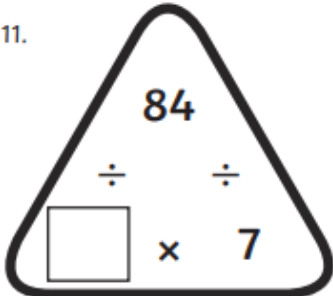
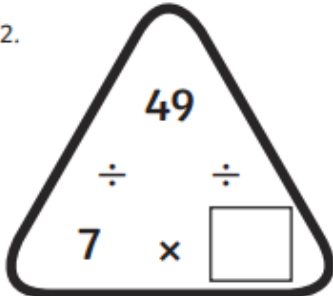
- ☐ 5/20
- ☐ 20/5
- ☐ 1/2
- ☐ 15/20

Year 5 Numeracy

Day 3 Week 4

7 times table starter

Fill in the blanks in these multiplication triangles.

1.		2.		3.	
4.		5.		6.	
7.		8.		9.	
10.		11.		12.	

Finding non-unit fractions of quantities

<https://classroom.thenational.academy/lessons/finding-non-unit-fractions-of-quantities-c5jp4d?step=2&activity=video>

Independent task Day 3

Part 1

A) You might want to draw a bar model to help you calculate the non-unit fractions of amounts.

You may remember the formula if you want to speed up your working out:

- First, divide the whole by the denominator
- Then, multiple the value of one part by the numerator

1) Find $\frac{3}{5}$ of 25 =

2) Find $\frac{2}{7}$ of 14 =

3) Calculate $\frac{6}{8}$ of 32 =

4) Helen has 60 beanbags. She gives her friend $\frac{4}{10}$ of them.

How many beanbags did Helen's friend receive?

Year 5 Numeracy

Day 4 Week 4

7 x Times Tables Starter

1) Match each calculation to the correct answer.

80×7
60×70
30×7
7×200
800×7
70×10
70×70

4200
560
4900
5600
210
1400
700

Consolidating finding non-unit fractions of quantities

<https://classroom.thenational.academy/lessons/consolidating-finding-non-unit-fractions-of-quantities-6rwk8t?step=2&activity=video>

Independent Task 1 for Day 4

Fractions and division

Part 2

B) Use your multiplication and division facts to work through the rules to help you calculate the whole after being given a fraction value.

1: Divide the fraction value by the numerator

2: Multiple one part by the denominator to find the whole

1) If I know that $\frac{3}{7}$ is 12. What is the value of the whole?

2) Sandra was given £50. This was $\frac{5}{9}$ of her brother's money.

How much money did Sandra's brother have?

Year 5 Numeracy

Day 5 Week 4

7 x Times Tables Starter

- 2) Use your knowledge of the 7 times table to identify the missing number in each of these multiplication calculations.

$$\underline{\quad} \times 1 = 7$$

$$7 \times 6 = \underline{\quad}$$

$$7 \times \underline{\quad} = 56$$

$$7 \times \underline{\quad} = 70$$

$$\underline{\quad} \times 6 = 420$$

$$70 \times 8 = \underline{\quad}$$

$$7 \times 100 = \underline{\quad}$$

$$700 \times 6 = \underline{\quad}$$

$$7 \times \underline{\quad} = 5600$$

- 3) Using your answers above, find the missing numbers in these related division calculations.

$$7 \div \underline{\quad} = 7$$

$$42 \div \underline{\quad} = 7$$

$$\underline{\quad} \div 7 = 8$$

$$\underline{\quad} \div 10 = 7$$

$$\underline{\quad} \div 6 = 70$$

$$560 \div \underline{\quad} = 80$$

$$700 \div \underline{\quad} = 7$$

$$4200 \div 6 = \underline{\quad}$$

$$\underline{\quad} \div 7 = 800$$

Compare and order unit fractions

<https://classroom.thenational.academy/lessons/compare-and-order-unit-fractions-68u34e?step=2&activity=video>

Independent Task

Part 1

Compare the fractions

Use the symbols <, > and = to complete the comparison.

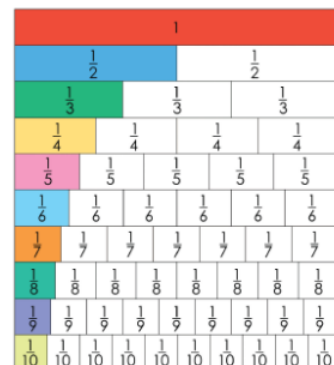
Use the fraction wall to compare your own unit fractions.

(1) $\frac{1}{3} \bigcirc \frac{1}{8}$

(2) $\frac{1}{7} \bigcirc \frac{1}{4}$

(3) $\frac{\square}{\square} \bigcirc \frac{\square}{\square}$

(4) $\frac{\square}{\square} \bigcirc \frac{\square}{\square}$



Well done Year 5, you have completed your fractions work for this week.