Name _____   **Date** _____

Tuesday

Fractions – Halves and Quarters (A)

① Halves

a) Represent the shaded part.

☐ out of 2

or ☐/2

c) Circle one-half of the group.

b) Shade the shape to match the fraction.

1/2

d) Use less than (<) or greater than (>) to make these number sentences true.

1/2   ☐   1/4

1/5   ☐   2/2

② Quarters

a) Represent the shaded part.

☐ out of 4

or ☐/4

c) Circle one-quarter of the group.

b) Shade the shape to match the fraction.

1/4

d) Use less than (<) or greater than (>) to make these sentences true.

1/3   ☐   1/4

3/4   ☐   1/2

NUMBER AND ALGEBRA

ⓣ teachstarter
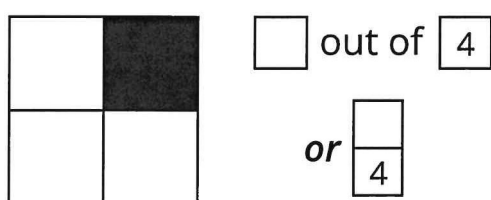
Name _____   **Date** _____

Tuesday

Fractions – Halves and Quarters (B)

① Halves

a) Represent the shaded part.

☐ out of ⟨2⟩

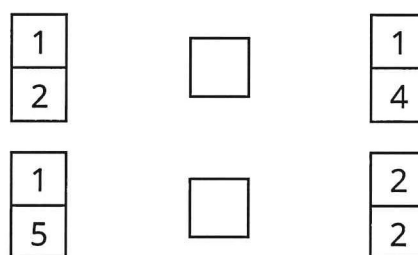*or* ⟨ ☐ / 2 ⟩

b) Shade the shape to match the fraction.

⟨ 1 / 2 ⟩

c) Circle one-half of the group.

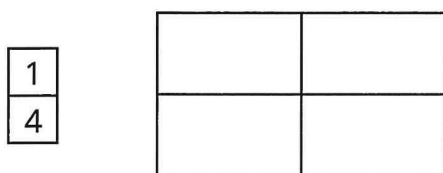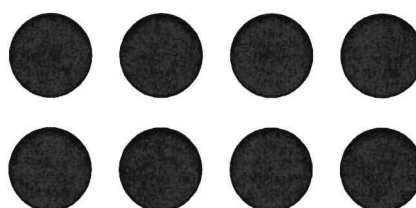d) Use less than (<) or greater than (>) to make these number sentences true.

⟨ 1 / 2 ⟩   ☐   ⟨ 3 / 4 ⟩

⟨ 1 / 3 ⟩   ☐   ⟨ 2 / 2 ⟩

② Quarters

a) Represent the shaded part.
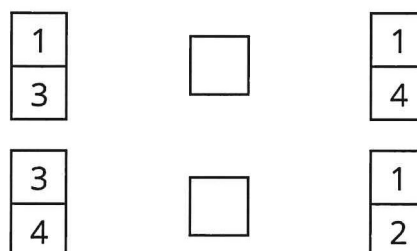
☐ out of ⟨4⟩

or ⟨ ☐ / 4 ⟩

b) Shade the shape to match the fraction.

⟨ 1 / 4 ⟩

c) Circle one-quarter of the group.

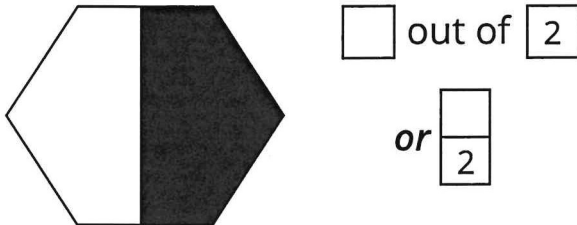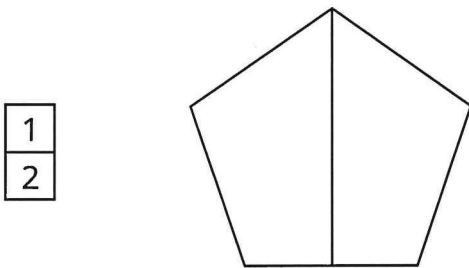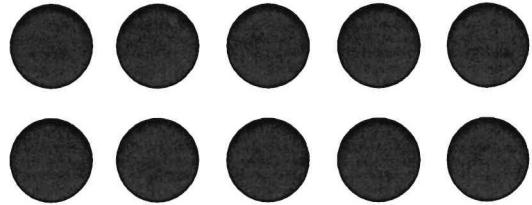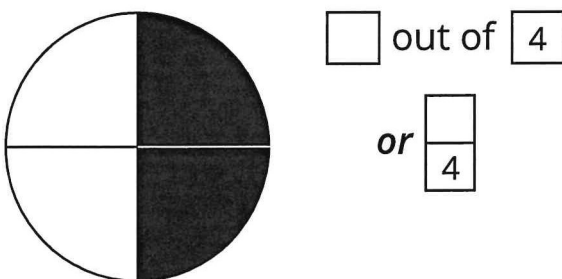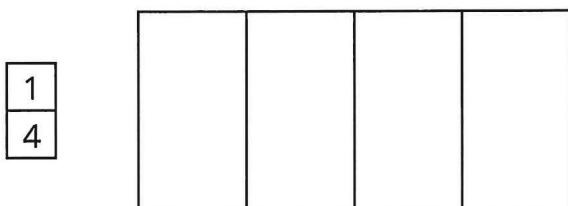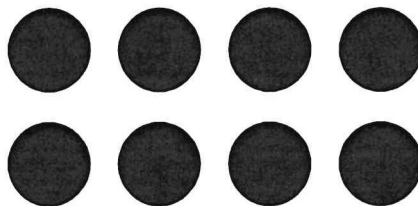d) Use less than (<) or greater than (>) to make these sentences true.

⟨ 2 / 3 ⟩   ☐   ⟨ 1 / 4 ⟩

⟨ 1 / 5 ⟩   ☐   ⟨ 3 / 4 ⟩

NUMBER AND ALGEBRA

teachstarter

Name: _____   **Date:** _____

wednusday

Linking Addition and Subtraction

Addition and subtraction are 'inverse operations'. For every addition number sentence, there is a related subtraction number sentence.

Addition

$$20 + 30 = 50$$

$$30 + 20 = 50$$

Subtraction

$$50 - 30 = 20$$

$$50 - 20 = 30$$

1. Find the addition and subtraction fact families for each group of numbers.

a)

18   23   41

$$18 + 23 = 41$$

$$\boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} - \boxed{} = \boxed{}$$

$$\boxed{} - \boxed{} = \boxed{}$$

b)

68   45   23

$$\boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} - \boxed{} = \boxed{}$$

$$\boxed{} - \boxed{} = \boxed{}$$

2. Choose another three numbers to create your own fact family.
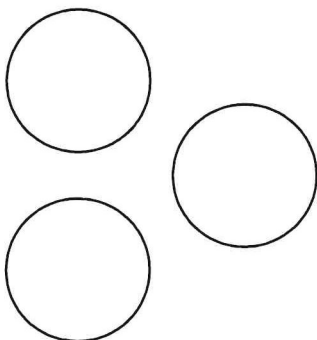
3. Explain the link between addition and subtraction.
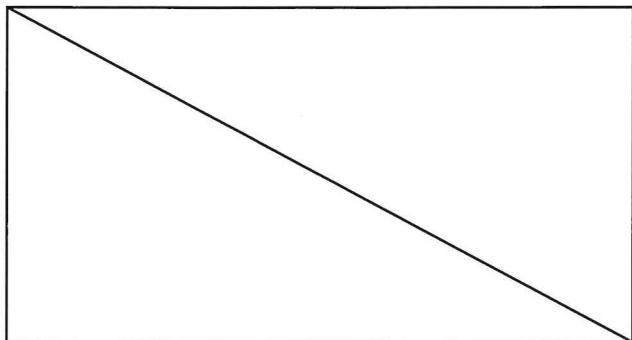
_____

_____
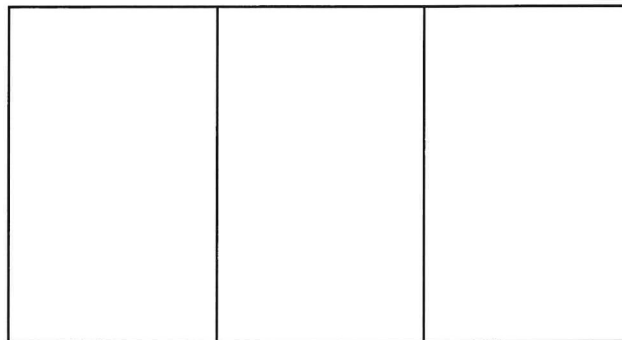
_____
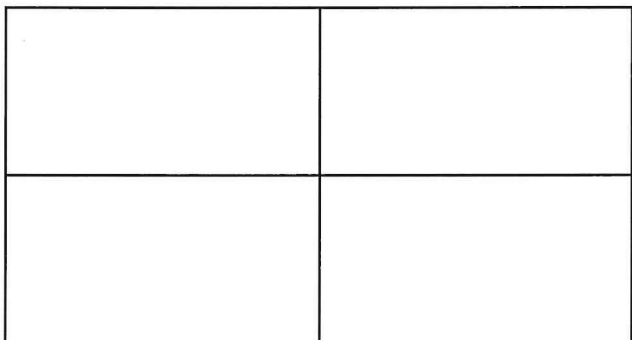
Name _____ Date _____

wednesday

Fraction Flags

① Colour each flag according to the instructions so that the whole flag is coloured.
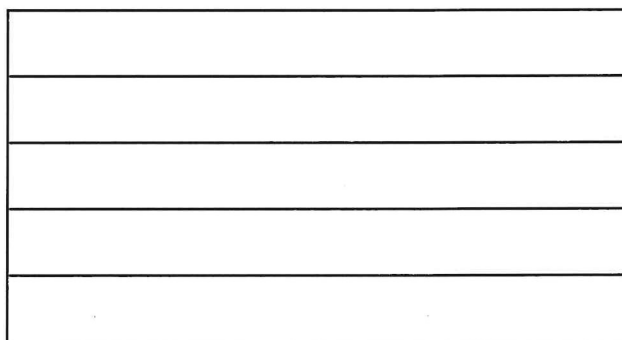
one half red, one half blue

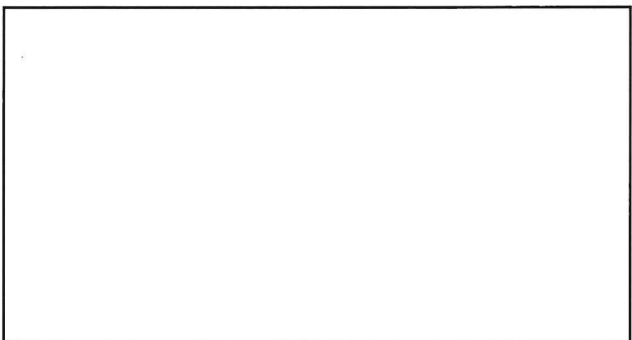one third purple, one third orange, one third green

one quarter white, one quarter black, one quarter pink, one quarter yellow
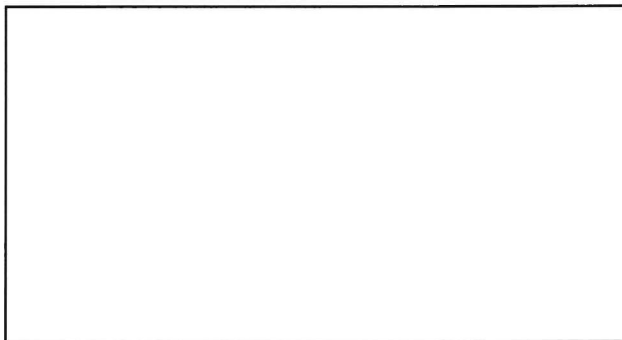
one fifth blue, one fifth pink, one fifth grey, one fifth red, one fifth green

② Draw lines to help you colour the flags according to the instructions.

one half brown, one half green

two quarters blue, one quarter yellow, one quarter red

Name _____

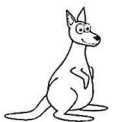_Thursday_

Date _____

Counting by Fractions

1 This kangaroo jumps in halves. Show where the kangaroo lands each time.

0   1   2

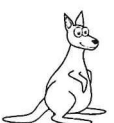**2** This kangaroo jumps in quarters. Show where the kangaroo lands each time.

0   1   2

3 This kangaroo jumps in thirds. Show where the kangaroo lands each time.

0   1   2

4 This kangaroo jumps in sixths. Show where the kangaroo lands each time.

0   1   2
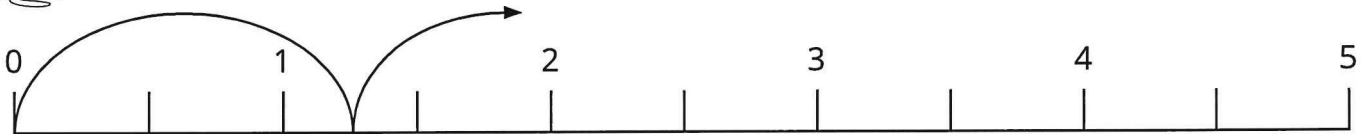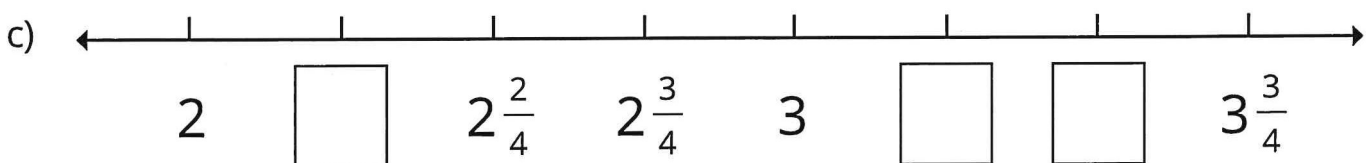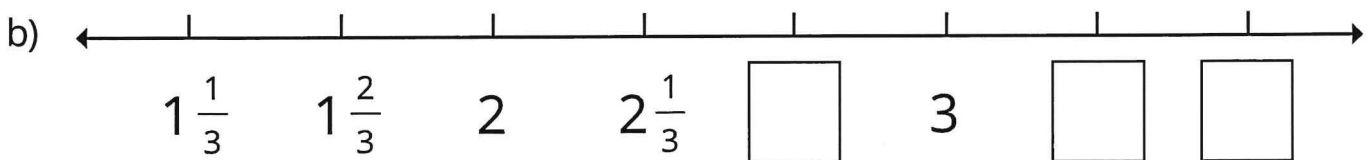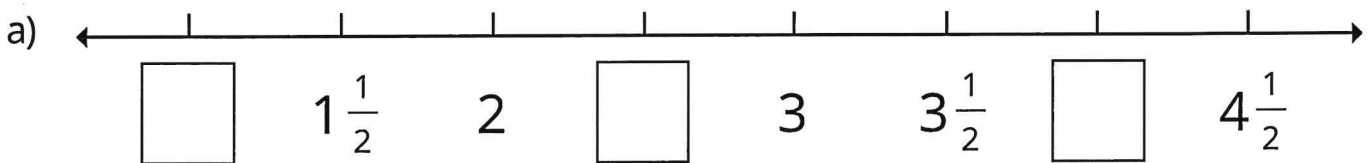
NUMBER AND ALGEBRA

Name _____ **Date** _____

Thursday

⑤ This kangaroo jumps from 0 to $1\frac{1}{2}$. It continues this pattern. Show where the kangaroo lands each time.


```
0          1        2        3        4        5
```

⑥ This kangaroo jumps from 0 to $1\frac{1}{4}$. It continues this pattern. Show where the kangaroo lands each time.


```
0          1        2        3        4        5
```

⑦ Add in the missing fractions to complete these number lines.

a)

☐ $1\frac{1}{2}$ 2 ☐ 3 $3\frac{1}{2}$ ☐ $4\frac{1}{2}$

b)

$1\frac{1}{3}$ $1\frac{2}{3}$ 2 $2\frac{1}{3}$ ☐ 3 ☐ ☐

c)

2 ☐ $2\frac{2}{4}$ $2\frac{3}{4}$ 3 ☐ ☐ $3\frac{3}{4}$

Name _____ *Friday*   Date _____
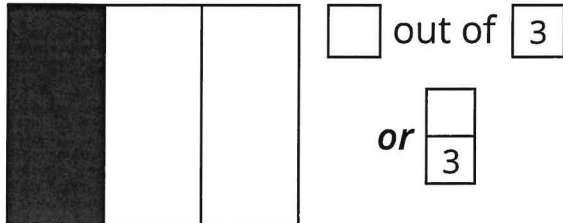
Fractions – Thirds and Fifths (A)

① **Thirds**

a) Represent the shaded part.
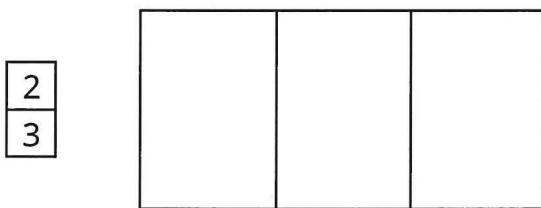
☐ out of ☐3

or ☐/3

c) Circle one-third of the group.
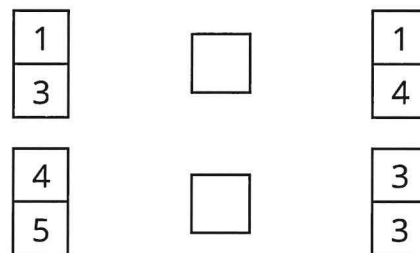
b) Shade the shape to match the fraction.

2/3

d) Use less than (<) or greater than (>) to make these sentences true.

1/3 ☐ 1/4

4/5 ☐ 3/3

② **Fifths**

a) Represent the shaded part.

☐ out of ☐5

or ☐/5

c) Circle one-fifth of the group.

b) Shade the shape to match the fraction.

3/5

d) Use less than (<) or greater than (>) to make these sentences true.

1/5 ☐ 1/4

5/5 ☐ 1/2
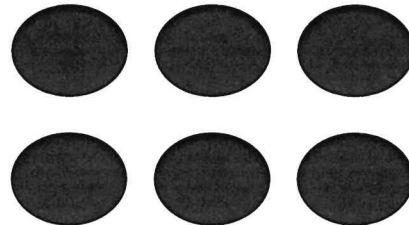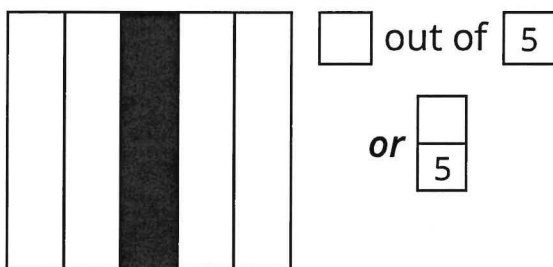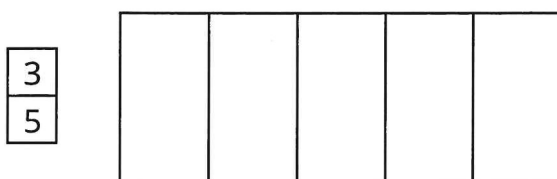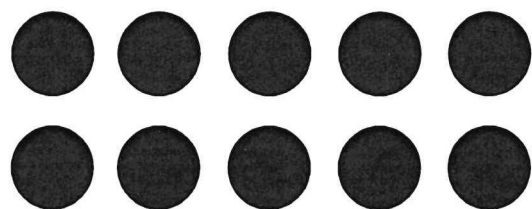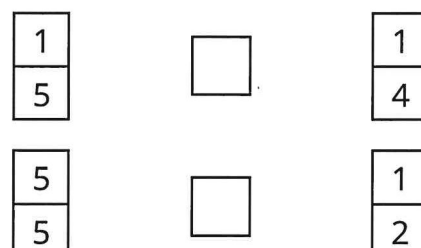
Name _____   Date _____

Friday

Fractions – Thirds and Fifths (B)

① **Thirds**

a) Represent the shaded part.

☐ out of ☐3

or ☐/3

c) Circle one-third of the group.

b) Shade the shape to match the fraction.

1/3

d) Use less than (<) or greater than (>) to make these sentences true.

| 1/3 | ☐ | 1/2 |

| 4/5 | ☐ | 3/4 |

② **Fifths**

a) Represent the shaded part.

☐ out of ☐5

or ☐/5

c) Circle one-fifth of the group.

b) Shade the shape to match the fraction.

2/5

d) Use less than (<) or greater than (>) to make these sentences true.

| 1/5 | ☐ | 3/4 |

| 2/5 | ☐ | 2/2 |