

GO ACE MATHS STUDENT JOURNAL

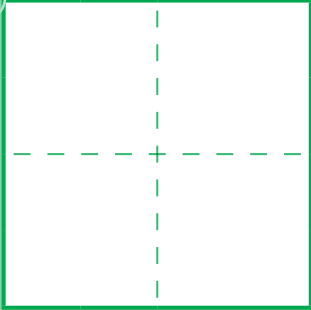
SAMPLE PAGES



Reviewing Common Fractions

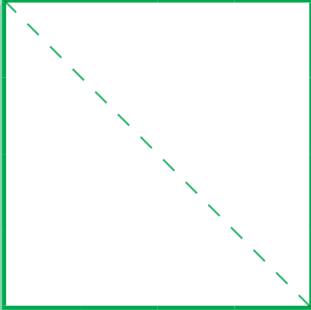
In each square, colour one of the equal parts. Then write a fraction to show how much **is shaded**.

a.



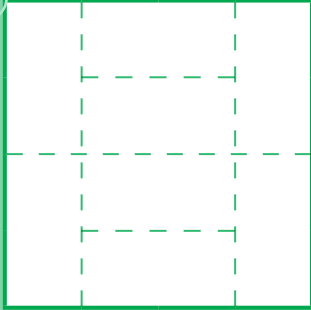
Fraction shaded

b.



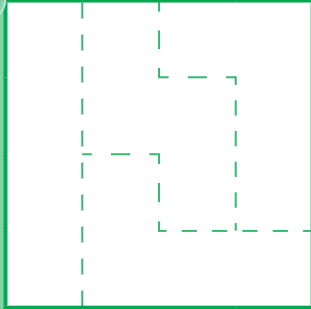
Fraction shaded

c.



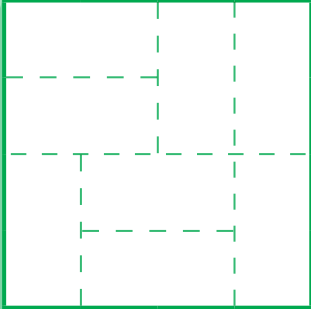
Fraction shaded

d.



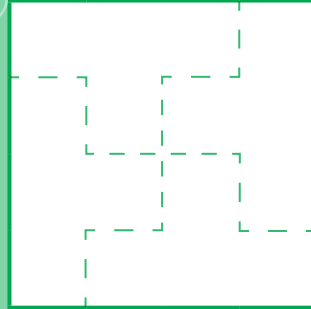
Fraction shaded

e.



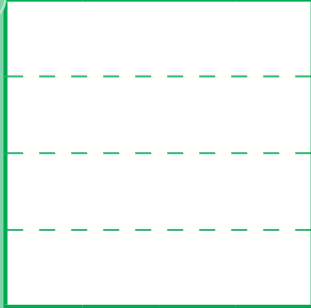
Fraction shaded

f.



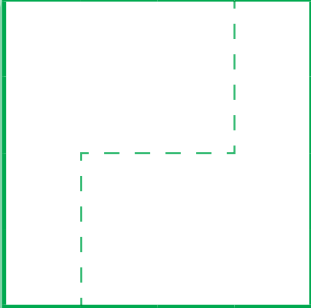
Fraction shaded

g.



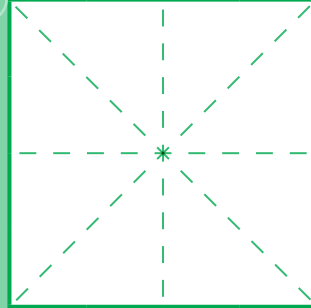
Fraction shaded

h.



Fraction shaded

i.

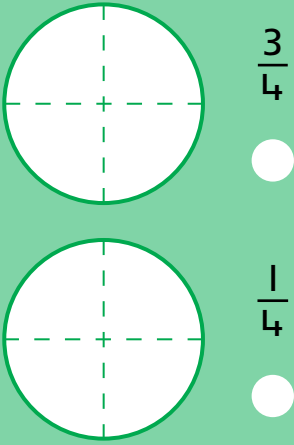


Fraction shaded

Comparing Common Fractions

1. Colour the shapes to show the fractions.
Then draw a ✓ below the **greater** fraction.

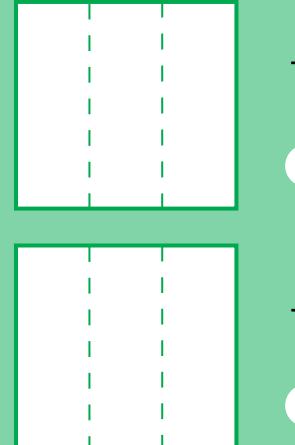
a.



$\frac{3}{4}$

$\frac{1}{4}$

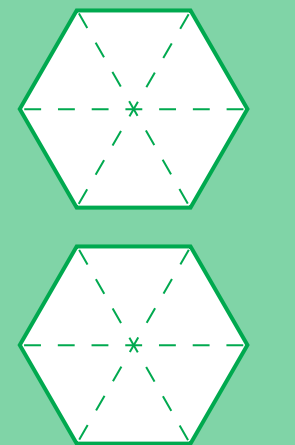
b.



$\frac{1}{3}$

$\frac{2}{3}$

c.

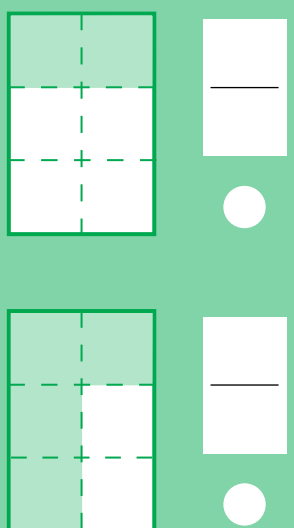


$\frac{5}{6}$

$\frac{1}{6}$

2. Write both fractions. Then draw a ✓ below the **greater** fraction.

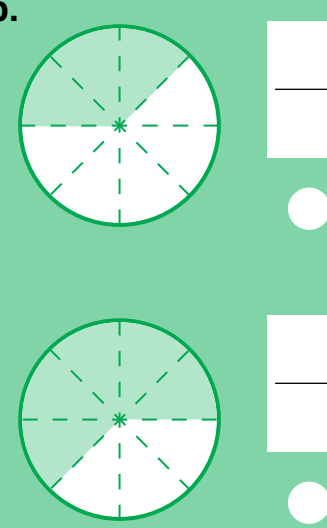
a.



$\frac{\quad}{\quad}$

$\frac{\quad}{\quad}$

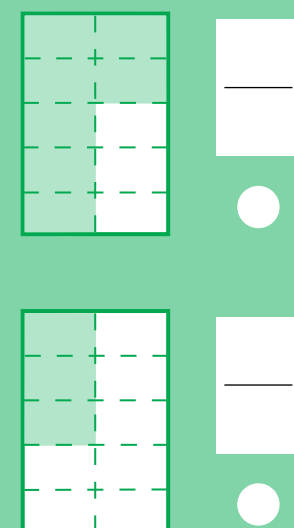
b.



$\frac{\quad}{\quad}$

$\frac{\quad}{\quad}$

c.



$\frac{\quad}{\quad}$

$\frac{\quad}{\quad}$

3. Loop the greater fraction.

a. $\frac{4}{6}$ or $\frac{2}{6}$

b. $\frac{7}{8}$ or $\frac{1}{8}$

c. $\frac{4}{10}$ or $\frac{6}{10}$

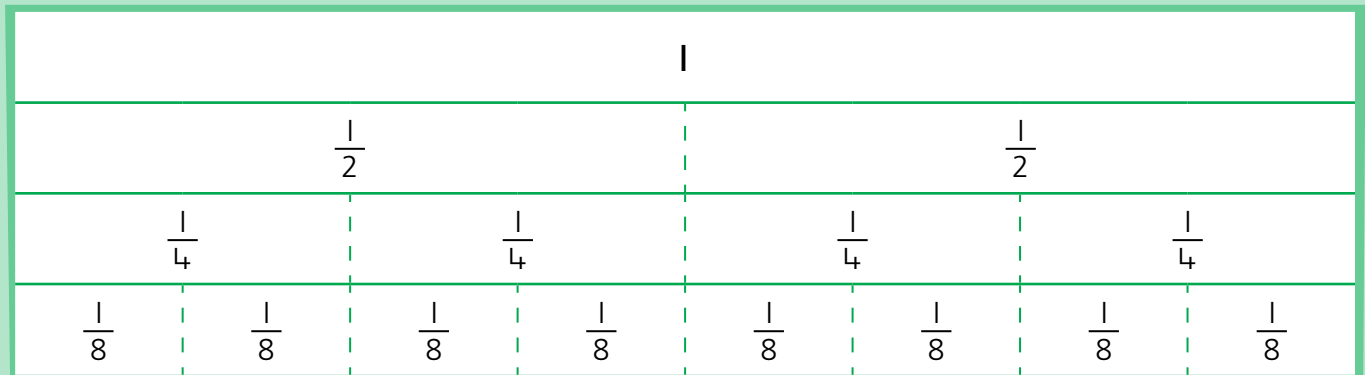
d. $\frac{5}{8}$ or $\frac{3}{8}$

e. $\frac{1}{4}$ or $\frac{3}{4}$

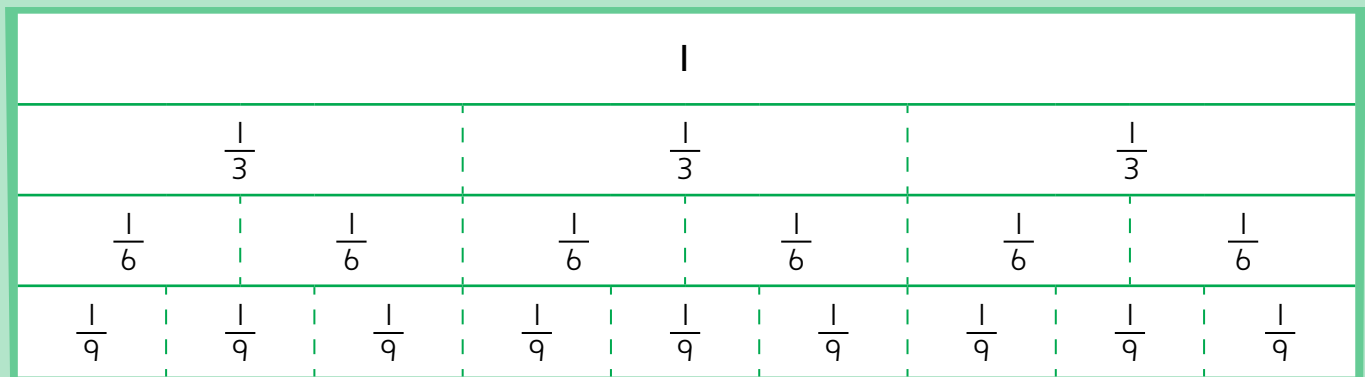
f. $\frac{3}{5}$ or $\frac{2}{5}$

Relating and Comparing Unit Fractions

1. Colour one part in each row of this fraction wall.



2. Colour one part in each row of this fraction wall.



3. a. Loop the fraction that is greater. Use the fraction walls to help you.

$$\frac{1}{3} \text{ or } \frac{1}{9}$$

$$\frac{1}{6} \text{ or } \frac{1}{3}$$

$$\frac{1}{2} \text{ or } \frac{1}{4}$$

$$\frac{1}{8} \text{ or } \frac{1}{2}$$

- b. Look at the fractions you looped. What do you notice?

4. Write other fractions to make these sentences true.

a. $\frac{1}{2}$ is the same as which is the same as .

b. $\frac{1}{3}$ is the same as which is the same as .

Counting with Fractions

1. One oblong is one whole. Colour parts of the oblongs to match the fraction. The first one has been done for you.

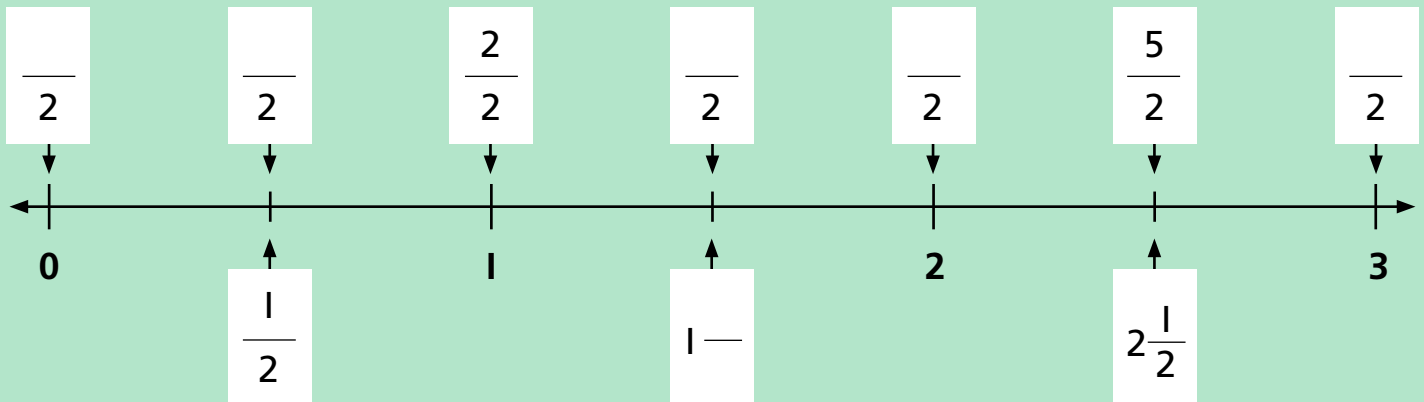
| | | | | |
|----|---------------|--|--|--|
| a. | $\frac{1}{2}$ | | | |
| b. | $\frac{2}{2}$ | | | |
| c. | $\frac{3}{2}$ | | | |
| d. | $\frac{4}{2}$ | | | |
| e. | $\frac{5}{2}$ | | | |

2. One oblong is one whole. Colour parts of the oblongs to match the fraction. The first one has been done for you.

| | | | | |
|----|---------------|--|--|--|
| a. | $\frac{1}{3}$ | | | |
| b. | $\frac{2}{3}$ | | | |
| c. | $\frac{3}{3}$ | | | |
| d. | $\frac{4}{3}$ | | | |
| e. | $\frac{5}{3}$ | | | |
| f. | $\frac{6}{3}$ | | | |
| g. | $\frac{7}{3}$ | | | |

Relating Improper Fractions and Mixed Numerals

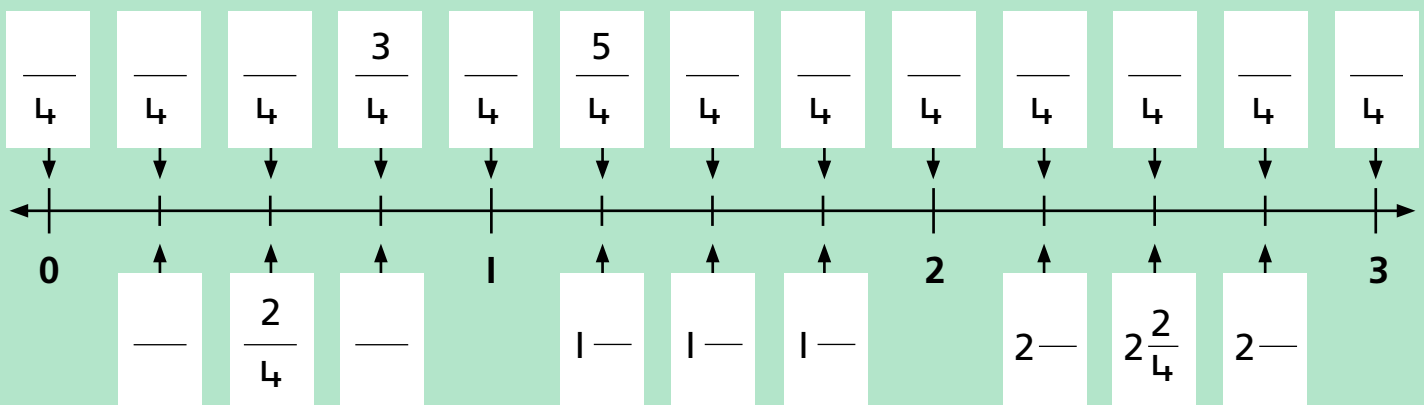
1. Complete the missing fractions.



2. Write the equivalent improper fraction or mixed numeral.

a. $\frac{3}{2} =$ b. $4\frac{1}{2} =$ c. $\frac{7}{2} =$ d. $6\frac{1}{2} =$

3. Complete the missing numbers.



4. Write the equivalent improper fraction or mixed numeral.

a. $\frac{11}{4} =$ b. $2\frac{1}{4} =$ c. $\frac{15}{4} =$ d. $5\frac{2}{4} =$

5. Write $\frac{18}{4}$ as a mixed numeral. Record the steps you used.
