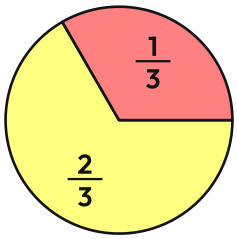
Names (pair) _____ Date _____

Fractions That Make One Whole

PART 1 Make a whole circle



1 Take fraction discs or cut out the pieces from the template (page 3). **Match the pieces** so that together they make a whole circle. Write each pair in the table.

	FIRST PART	SECOND PART	SUM OF NUMERATORS	DENOMINATOR
1.	☐/☐	☐/☐	____	____
2.	☐/☐	☐/☐	____	____
3.	☐/☐	☐/☐	____	____
4.	☐/☐	☐/☐	____	____
5.	☐/☐	☐/☐	____	____

	FIRST PART	SECOND PART	SUM OF NUMERATORS	DENOMINATOR
6.	☐/☐	☐/☐	____	____
7.	☐/☐	☐/☐	____	____
8.	☐/☐	☐/☐	____	____
9.	☐/☐	☐/☐	____	____
10.	☐/☐	☐/☐	____	____

2 Fill in the blanks.

_____ thirds make one whole.

_____ fifths make one whole.

_____ ninths make one whole.

_____ tenths make one whole.

$\frac{2}{3}$ and ☐/☐ make one whole.

$\frac{3}{5}$ and ☐/☐ make one whole.

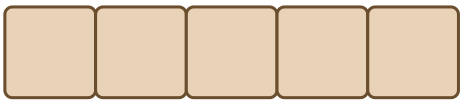
$\frac{7}{9}$ and ☐/☐ make one whole.

$\frac{7}{10}$ and ☐/☐ make one whole.

Names (pair) _____ Date _____

PART 2 What did we discover?

3 **Try it yourself!** Amalka ate $\frac{2}{5}$ of a chocolate bar. How much of the chocolate is left? Colour the part she ate and answer.



Left: $\frac{\square}{\square}$

b Luka has read $\frac{5}{8}$ of a book. How much does he still have to read?

Left: $\frac{\square}{\square}$

4 **In pairs!** What must be true for the numerators of two fractions with the same denominator so that they make one whole? Discuss and write it down.

Remember

The sum of the _____ of two fractions with the same denominator must be equal to the _____ for them to make one whole.

5 **Pair game:** student A says a fraction less than 1. Student B says which fraction completes it to one whole. Check with discs and swap roles.

★ Challenge

6 Fill in.

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

$\frac{\square}{\square} + \frac{1}{6} = 1$

$\frac{1}{12} + \frac{\square}{\square} = 1$

$\frac{9}{20} + \frac{\square}{\square} = 1$

7 Do $\frac{3}{8}$ and $\frac{4}{8}$ make one whole? Why?

Template to cut out

Cut out the pieces along the dashed line. Each piece is part of one circle.

