

What is a fraction? – review part-whole

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

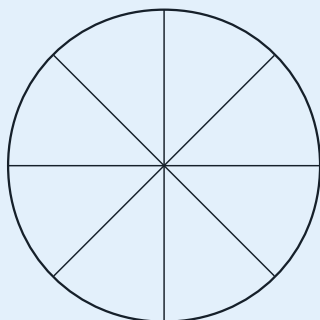
HOW TO ANSWER TODAY

- **Different-bottom fractions.** Bottoms different → make them the same first (common denominator). Then add or subtract the tops.

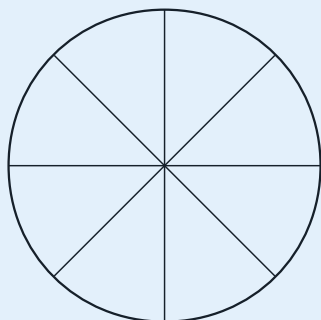
$$1/2 + 1/3 \rightarrow 3/6 + 2/6 = 5/6$$

TRY IT ON THE LINE

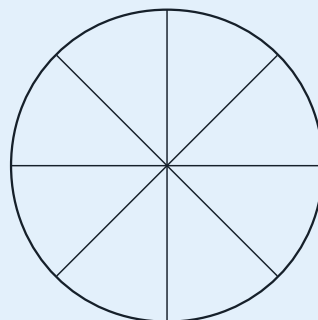
Each circle is divided into 8 equal slices. Shade the fraction asked on the matching circle, then write it as an eighths fraction underneath.



Circle A – shade $1/2$



Circle B – shade $3/4$



Circle C – shade $5/8$

1. Circle A: shade $1/2$ – how many slices? ____ Write it as eighths: ____ / 8
2. Circle B: shade $3/4$ – how many slices? ____ Write it as eighths: ____ / 8
3. Circle C: shade $5/8$ – how many slices? ____ Write it as eighths: ____ / 8
4. Which is bigger, $1/2$ or $5/8$? ____ Use the pictures to explain why.

PRACTICE

- 1 Ms Doyle's 5th class line up at the classroom door in **11** equal spots before heading to the yard. **3** of the spots are filled by pupils wearing hi-vis vests for yard duty. What fraction of the line is made up of pupils in hi-vis vests?

A shape is divided into 11 equal parts and 3 are shaded. What fraction of the shape is shaded?

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- 2 The class library has **7** shelves of equal size for the reading scheme books. This week, **5** of the shelves are full and the rest are empty because the books are out on loan. What fraction of the shelves are full?

A shape is divided into 7 equal parts and 5 are shaded. What fraction of the shape is shaded?

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ALWAYS, SOMETIMES, NEVER

Always true, sometimes true, or never true? Write A, S or N.

- | | |
|---|---|
| a. $1/4$ is bigger than $1/8$. <input type="checkbox"/> | d. $1/2$ is the same as 50%. <input type="checkbox"/> |
| b. If two fractions look different they have different values. <input type="checkbox"/> | e. Adding 1 to top and bottom keeps a fraction equivalent. <input type="checkbox"/> |
| c. The bigger the denominator, the bigger the fraction. <input type="checkbox"/> | f. A fraction can be greater than 1. <input type="checkbox"/> |