

Describe order and compare common fractions

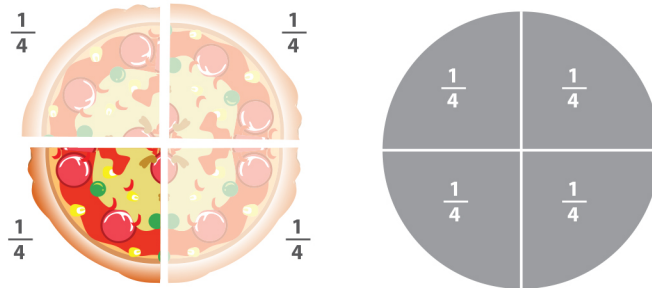
CAPS: Grade 4, Term 3

Numbers, Operations, Relationships

Describe and compare common fractions in diagram form.

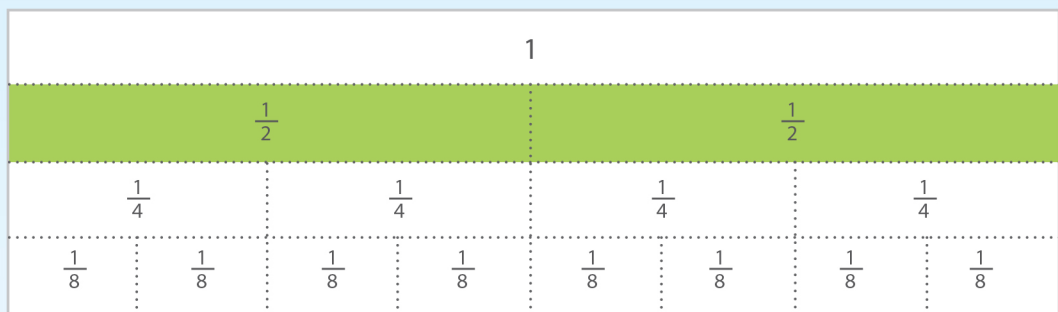
Note

Fractions are part of a whole. We can represent fractions numerically, in pictures or diagrams.



Activity 1

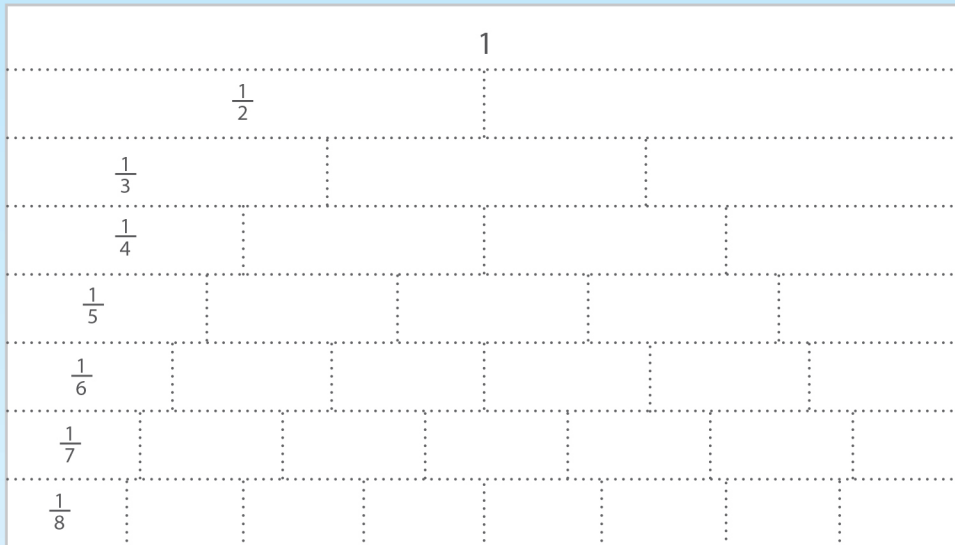
Comparing fractions. Look at the diagram and answer the following questions.



- How many halves equal 1 whole? 2
- How many quarters equal $\frac{1}{2}$? _____
- How many quarters equal 1 whole? _____
- How many eighths equal $\frac{1}{4}$? _____
- How many eighths equal 3 quarters? _____
- How many eighths equal 1 half? _____
- How many eighths equal 1 whole? _____
- Colour 1 whole – yellow.
Colour $\frac{1}{2}$ – green
Colour $\frac{1}{4}$ – blue
Colour $\frac{1}{8}$ – red

Activity 2

Compare the common fractions. Use < (less than), > (greater than) or = (equal to) to compare the fractions. Refer to the diagram.



Example

$$\frac{1}{4} > \frac{1}{7}$$

a $\frac{1}{3}$ $\frac{1}{6}$

f $\frac{1}{2}$ $\frac{2}{5}$

b $\frac{2}{3}$ $\frac{4}{6}$

g $\frac{1}{5}$ $\frac{1}{2}$

c $\frac{3}{4}$ $\frac{7}{8}$

h $\frac{2}{4}$ $\frac{3}{6}$

d $\frac{5}{6}$ $\frac{6}{7}$

i $\frac{3}{7}$ $\frac{2}{5}$

e $\frac{3}{7}$ $\frac{2}{5}$

j $\frac{1}{5}$ $\frac{5}{8}$

Activity 3

Look at the diagram and answer the following questions.

a How many sixths equal $\frac{1}{3}$? _____

b How many eighths equal $\frac{3}{4}$? _____

c Colour in $\frac{1}{2}$, $\frac{2}{4}$, $\frac{3}{6}$ and $\frac{4}{8}$. What do you notice? _____

Teacher Tip

Give learners an opportunity to draw their own fraction wall, they can do that in groups by using real life objects and record their answers down.

