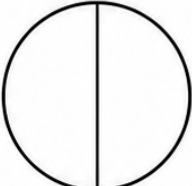
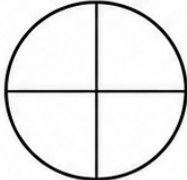
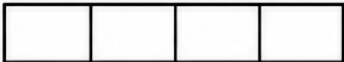
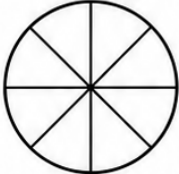
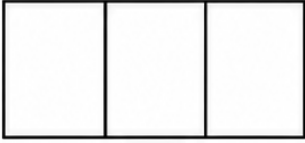


Equivalent Fractions Pattern Gallery

KS2 / Year 4 - Mathematics

Colour equal areas to prove one half equals two quarters equals four eighths, then identify two more equivalent pairs.

 $\frac{\square}{\square}$	 $\frac{\square}{\square}$	 $\frac{\square}{\square}$
 $\frac{\square}{\square}$	 $\frac{\square}{\square}$	 $\frac{\square}{\square}$
 $\frac{\square}{\square}$	 $\frac{\square}{\square}$	 $\frac{\square}{\square}$
 $\frac{\square}{\square}$	 $\frac{\square}{\square}$	 $\frac{\square}{\square}$
 $\frac{\square}{\square}$	 $\frac{\square}{\square}$	 $\frac{\square}{\square}$

Equivalent Fractions Pattern Gallery

KS2 / Year 4 - Mathematics

Colour equal areas to prove one half equals two quarters equals four eighths, then identify two more equivalent pairs.

Parent & Teacher Guidance

Curriculum focus

Topic: Fractions. Develop accurate observation, subject vocabulary and evidence-based explanation. Mapped scope: Year 4 Mathematics fractions: recognise and show, using diagrams, families of common equivalent fractions and solve increasingly challenging fraction problems..

Before you begin

Review the picture together and ask the learner what they already notice about Fractions. Read the activity aloud, explain unfamiliar vocabulary, and agree which details need special attention.

Solo activity

The learner can complete the colouring independently, then use the finished page to explain three details linked to Fractions. Encourage accurate colour choices where they carry meaning, but allow creative choices elsewhere.

Group activity

Give pairs or small groups different areas to inspect. Ask them to agree on evidence before colouring, compare their findings, and present one curriculum fact to the class. Finish with a whole-group check against the guidance below.

Questions to guide discussion

What evidence can you see? Which feature is most important and why? How does one part connect to another? What new fact about Fractions can you explain using the picture?

Answers and checking

Core family: $1/2 = 2/4 = 4/8$. Additional visible pairs: $1/3 = 2/6$ and $2/3 = 4/6$. Equal fractions represent the same value even when numerator and denominator differ; comparison requires equal wholes.

Learning record and next steps

☐ Completed the colouring

☐ Explained key vocabulary

☐ Completed the activity

☐ Used visible evidence

Evidence noticed / vocabulary used

Next step:
