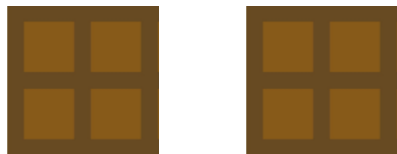# Fractions Greater Than 1

# Fractions Greater Than 1

**1a.** James and Chloe are sharing some chocolate. Together, they have eaten $\frac{7}{4}$ of the chocolate.

What fraction of chocolate could James and Chloe each have eaten? Show 3 combinations.

D        PS

**1b.** Brogan and Kira are sharing some pancakes. Together, they have eaten $\frac{6}{3}$ of the pancakes.
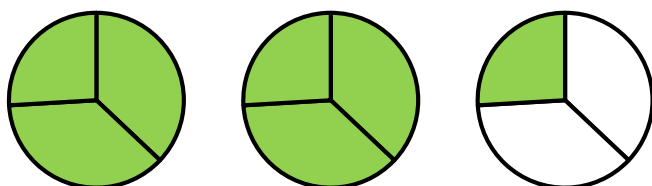
What fraction of pancakes could Brogan and Kira each have eaten? Show 3 combinations.

D        PS

**2a.** True or false? The shaded image shows one whole and two thirds.

Explain how you know.

D        R

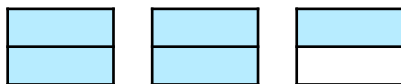**2b.** True or false? The shaded image shows nine halves.

Explain how you know.

D        R

**3a.** Simon and Daria are discussing this image:

> It is two wholes and one half.
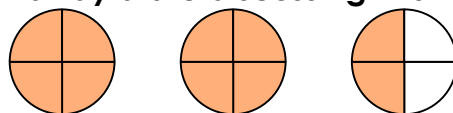
**Simon**

> It is three wholes and one half.

**Daria**

Who is correct? Convince me.

D        R

**3b.** Elliot and Layla are discussing this image:

> It is ten quarters.

**Elliot**

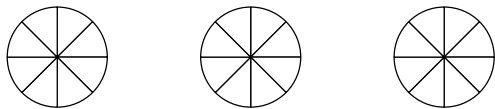> It is two wholes and two quarters.

**Layla**

Who is correct? Convince me.

D        R

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**4a.** Jayden and Cherry are sharing some cakes. Together, they have eaten $\frac{17}{8}$ of the cakes.

Jayden ate more than one whole cake.
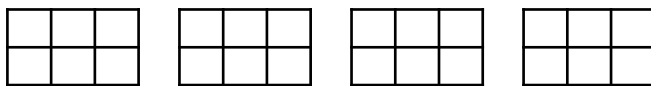
What fraction of cake could Jayden and Cherry each have eaten? Show 3 combinations.

⭐E                                                    PS

**4b.** Scarlett and Alfie are sharing some popcorn. Together, they have eaten $\frac{19}{6}$ of the popcorn.
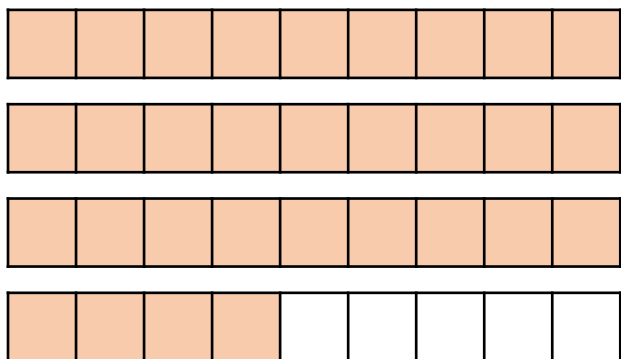
Alfie ate less than 12 sixths of popcorn.

What fraction of popcorn could Scarlett and Alfie each have eaten? Show 3 combinations.

⭐E                                                    PS

**5a.** True or false? The shaded image shows three wholes and four eighths.
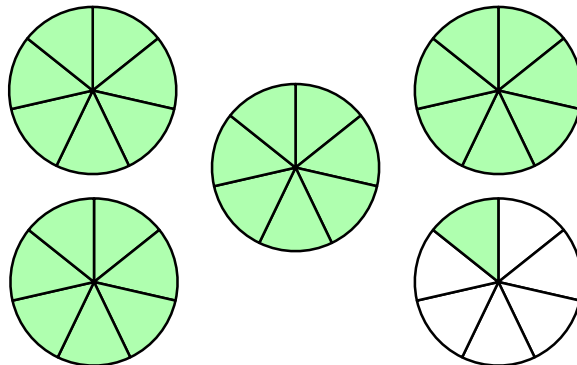
Explain how you know.

⭐E                                                    R

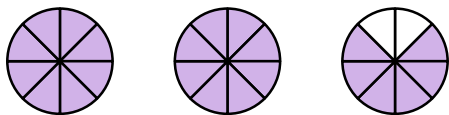**5b.** True or false? The shaded image shows twenty-nine sevenths.

Explain how you know.

⭐E                                                    R

**6a.** Daisy and Ahmed are discussing this image:

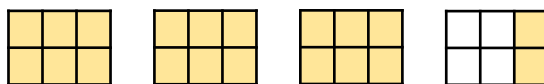**Daisy:** It is two wholes and five eighths.

**Ahmed:** It is twenty-two eighths.

Who is correct? Convince me.

⭐E                                                    R

**6b.** Kara and George are discussing this image:

**Kara:** It is three wholes and two sixths.

**George:** It is eighteen sixths.

Who is correct? Convince me.

⭐E                                                    R

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**7a.** Phoebe and Finn are sharing some pies. Together, they have eaten $\frac{29}{12}$ of the pies.

Finn ate more pie than Phoebe. Phoebe ate more than $\frac{5}{6}$ of a pie.

What fraction of pie could Phoebe and Finn each have eaten? Show 3 combinations.

GD

PS

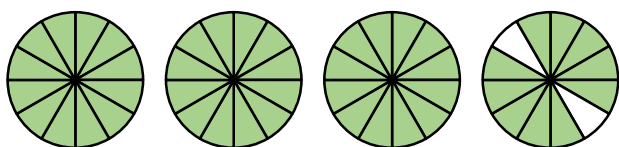**7b.** Julia and Max are sharing some waffles. Together, they have eaten $\frac{32}{10}$ of the waffles.

Julia ate less than $\frac{9}{5}$ of the waffles. Max ate more waffles than Julia.

What fraction of waffles could Julia and Max each have eaten? Show 3 combinations.

GD

PS

**8a.** True or false? The image below shows a fraction equivalent to $\frac{33}{9}$ .

Explain how you know.

GD

R

**8b.** True or false? The image below shows a fraction equivalent to $\frac{60}{14}$ .

Explain how you know.

GD

R

**9a.** Emily and Jacob are discussing this image:

It is twenty-eight twelfths.
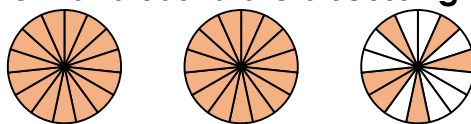
Emily

It is fourteen sixths.

Jacob

Who is correct? Convince me.

GD

R

**9b.** Clement and Sasha are discussing this image:

It is twenty-four tenths.

Clement

It is two wholes and one half.

Sasha

Who is correct? Convince me.

GD

R

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**Reasoning and Problem Solving – Fractions Greater Than 1 – Year 4 Greater Depth**