

Comparing Unit Fractions

Shade 1 part of each strip. Circle the greater fraction.

Example

$$\frac{1}{2}$$



$$\frac{1}{4}$$



1.

$$\frac{1}{3}$$



$$\frac{1}{6}$$



2.

$$\frac{1}{8}$$



$$\frac{1}{4}$$



3.

$$\frac{1}{6}$$



$$\frac{1}{2}$$



4.

$$\frac{1}{3}$$



$$\frac{1}{8}$$



5.

$$\frac{1}{4}$$



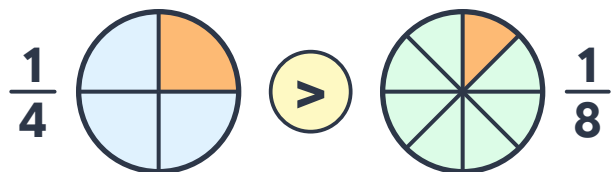
$$\frac{1}{3}$$



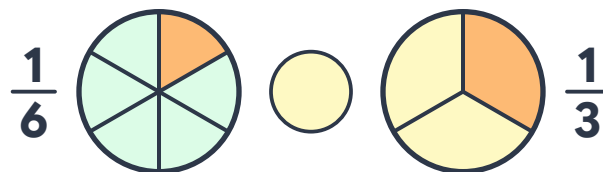
Comparing Unit Fractions

Compare the shaded parts. Write $>$, $<$ or $=$.

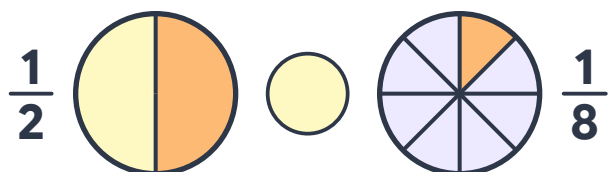
Example



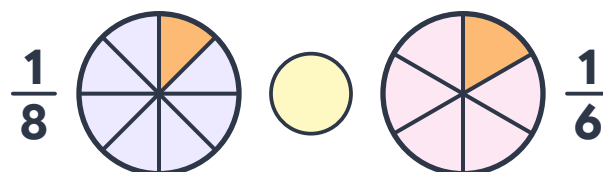
1.



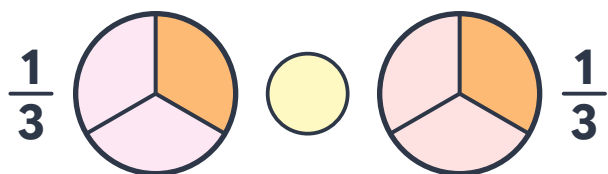
2.



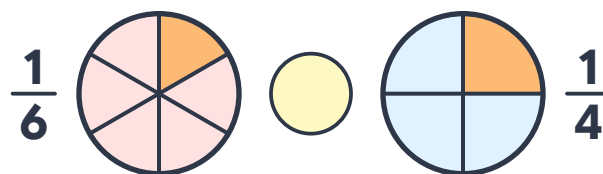
3.



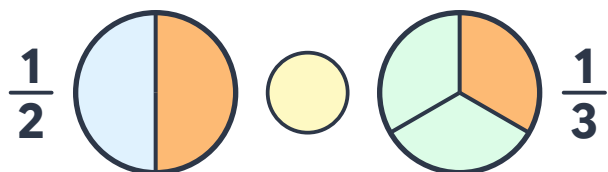
4.



5.



6.



7.



Comparing Unit Fractions

Use the fraction wall. Write $>$, $<$ or $=$.

Fraction wall: every row is the same whole.



More parts in the whole means smaller parts.

Example

$$\frac{1}{3} > \frac{1}{4}$$

1.

$$\frac{1}{8} \bigcirc \frac{1}{2}$$

2.

$$\frac{1}{6} \bigcirc \frac{1}{8}$$

3.

$$\frac{1}{4} \bigcirc \frac{1}{6}$$

4.

$$\frac{1}{2} \bigcirc \frac{1}{3}$$

5.

$$\frac{1}{8} \bigcirc \frac{1}{3}$$

6.

$$\frac{1}{4} \bigcirc \frac{1}{4}$$

7.

$$\frac{1}{6} \bigcirc \frac{1}{2}$$

8.

$$\frac{1}{2} \bigcirc \frac{1}{4}$$

9.

$$\frac{1}{8} \bigcirc \frac{1}{4}$$

10.

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

11.

$$\frac{1}{6} \bigcirc \frac{1}{6}$$

Comparing Unit Fractions

Put the fractions in order. Compare them in words.

Write the fractions in order from least to greatest.

Example

$$\frac{1}{4}, \frac{1}{2}, \frac{1}{8}$$

least $\frac{1}{8} < \frac{1}{4} < \frac{1}{2}$ greatest

1. $\frac{1}{3}, \frac{1}{6}, \frac{1}{2}$

least $\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$ greatest

2. $\frac{1}{8}, \frac{1}{3}, \frac{1}{4}$

least $\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$ greatest

3. $\frac{1}{2}, \frac{1}{6}, \frac{1}{4}$

least $\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$ greatest

4. $\frac{1}{6}, \frac{1}{8}, \frac{1}{3}$

least $\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$ greatest

Circle the words that make the sentence true.

Example

one third is greater than is less than is equal to one sixth.

5. one eighth is greater than is less than is equal to one half.

6. one fourth is greater than is less than is equal to one fourth.

7. Who is right?

Max says $\frac{1}{8}$ is greater than $\frac{1}{4}$ because 8 is greater than 4.

Is Max right? Yes No

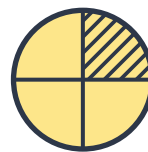
Comparing Unit Fractions

Shade each part. Then circle the answer.

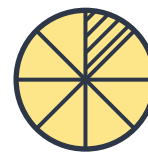
To compare fractions, the wholes must be the same size.

Example

Ana eats $\frac{1}{4}$ of a pizza. Ben eats $\frac{1}{8}$ of a pizza of the same size. Who eats more pizza?



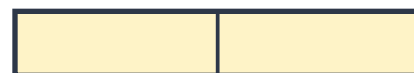
Ana



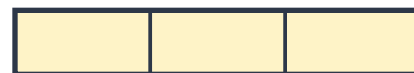
Ben

1. Kai paints $\frac{1}{2}$ of a fence. Zoe paints $\frac{1}{3}$ of a fence of the same size. Who paints less?

Kai

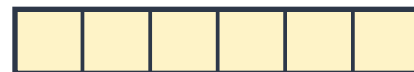


Zoe

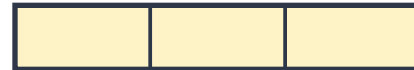


2. Leo uses $\frac{1}{6}$ of a ribbon. Mia uses $\frac{1}{3}$ of a ribbon of the same length. Who uses more ribbon?

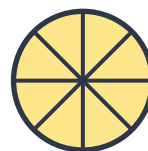
Leo



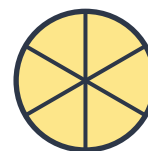
Mia



3. Gran eats $\frac{1}{8}$ of a pie. Dad eats $\frac{1}{6}$ of a pie of the same size. Who eats less pie?



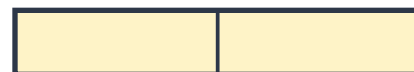
Gran



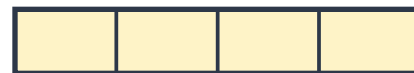
Dad

4. Nia and Sam have the same granola bar. Nia eats $\frac{1}{2}$ of hers. Sam eats $\frac{1}{4}$ of his. Who eats more?

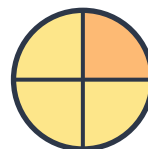
Nia



Sam



5. Max eats $\frac{1}{4}$ of the big pizza. Ivy eats $\frac{1}{2}$ of the small pizza. Look at the pizzas. Who eats more pizza?



Max



Ivy

Comparing Unit Fractions

Shade 1 part of each strip. Circle the greater fraction.

Example

$$\frac{1}{2}$$



$$\frac{1}{4}$$



1.

$$\frac{1}{3}$$



$$\frac{1}{6}$$



2.

$$\frac{1}{8}$$



$$\frac{1}{4}$$



3.

$$\frac{1}{6}$$



$$\frac{1}{2}$$



4.

$$\frac{1}{3}$$



$$\frac{1}{8}$$



5.

$$\frac{1}{4}$$



$$\frac{1}{3}$$



Comparing Unit Fractions

Compare the shaded parts. Write $>$, $<$ or $=$.

Example



1.



2.



3.



4.



5.



6.



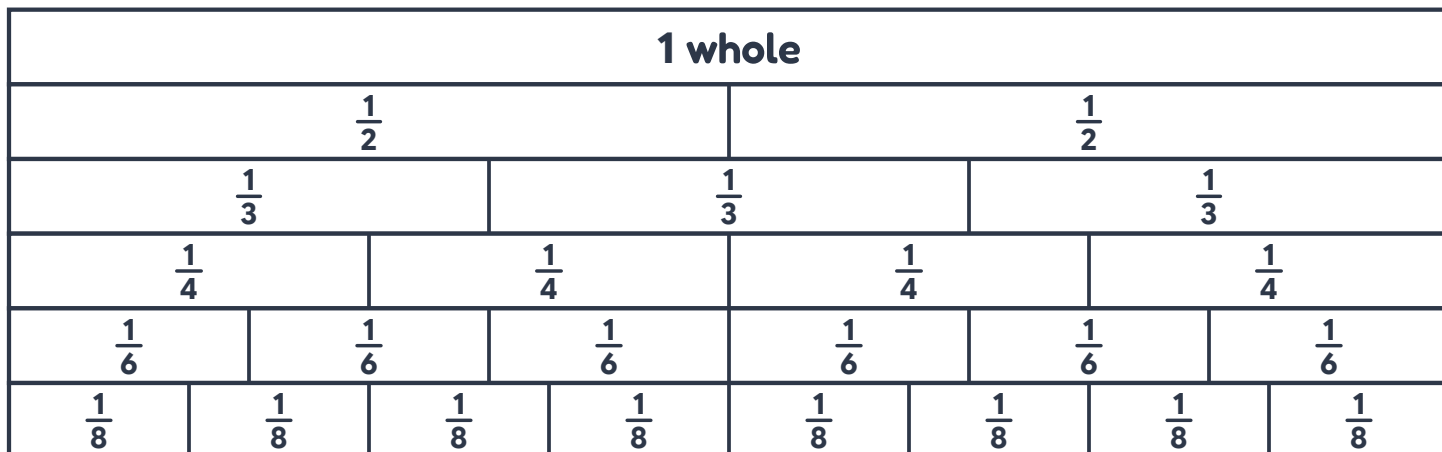
7.



Comparing Unit Fractions

Use the fraction wall. Write $>$, $<$ or $=$.

Fraction wall: every row is the same whole.



More parts in the whole means smaller parts.

Example

$$\frac{1}{3} > \frac{1}{4}$$

1.

$$\frac{1}{8} \bigcirc \frac{1}{2}$$

2.

$$\frac{1}{6} \bigcirc \frac{1}{8}$$

3.

$$\frac{1}{4} \bigcirc \frac{1}{6}$$

4.

$$\frac{1}{2} \bigcirc \frac{1}{3}$$

5.

$$\frac{1}{8} \bigcirc \frac{1}{3}$$

6.

$$\frac{1}{4} \bigcirc \frac{1}{4}$$

7.

$$\frac{1}{6} \bigcirc \frac{1}{2}$$

8.

$$\frac{1}{2} \bigcirc \frac{1}{4}$$

9.

$$\frac{1}{8} \bigcirc \frac{1}{4}$$

10.

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

11.

$$\frac{1}{6} \bigcirc \frac{1}{6}$$

Comparing Unit Fractions

Put the fractions in order. Compare them in words.

Write the fractions in order from least to greatest.

Example

$$\frac{1}{4}, \frac{1}{2}, \frac{1}{8}$$

least $\frac{1}{8} < \frac{1}{4} < \frac{1}{2}$ greatest

1. $\frac{1}{3}, \frac{1}{6}, \frac{1}{2}$ least $\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$ greatest

2. $\frac{1}{8}, \frac{1}{3}, \frac{1}{4}$ least $\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$ greatest

3. $\frac{1}{2}, \frac{1}{6}, \frac{1}{4}$ least $\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$ greatest

4. $\frac{1}{6}, \frac{1}{8}, \frac{1}{3}$ least $\frac{\square}{\square} < \frac{\square}{\square} < \frac{\square}{\square}$ greatest

Circle the words that make the sentence true.

Example

one third is greater than is less than is equal to one sixth.

5. one eighth is greater than is less than is equal to one half.

6. one fourth is greater than is less than is equal to one fourth.

7. Who is right?

Max says $\frac{1}{8}$ is greater than $\frac{1}{4}$ because 8 is greater than 4.

Is Max right? Yes No

Comparing Unit Fractions

Shade each part. Then circle the answer.

To compare fractions, the wholes must be the same size.

Example

Ana eats $\frac{1}{4}$ of a pizza. Ben eats $\frac{1}{8}$ of a pizza of the same size. Who eats more pizza?



Ana



Ben

1. Kai paints $\frac{1}{2}$ of a fence. Zoe paints $\frac{1}{3}$ of a fence of the same size. Who paints less?

Kai

--	--

Zoe

--	--	--

2. Leo uses $\frac{1}{6}$ of a ribbon. Mia uses $\frac{1}{3}$ of a ribbon of the same length. Who uses more ribbon?

Leo

--	--	--	--	--	--

Mia

--	--	--

3. Gran eats $\frac{1}{8}$ of a pie. Dad eats $\frac{1}{6}$ of a pie of the same size. Who eats less pie?



Gran



Dad

4. Nia and Sam have the same granola bar. Nia eats $\frac{1}{2}$ of hers. Sam eats $\frac{1}{4}$ of his. Who eats more?

Nia

--	--

Sam

--	--	--	--

5. Max eats $\frac{1}{4}$ of the big pizza. Ivy eats $\frac{1}{2}$ of the small pizza. Look at the pizzas. Who eats more pizza?



Max

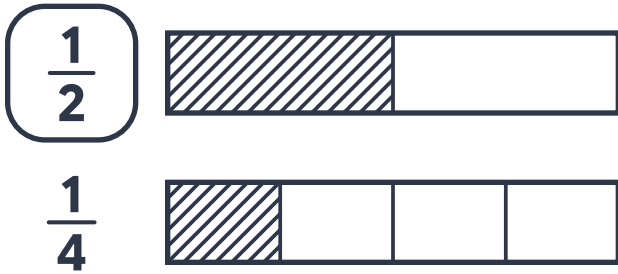


Ivy

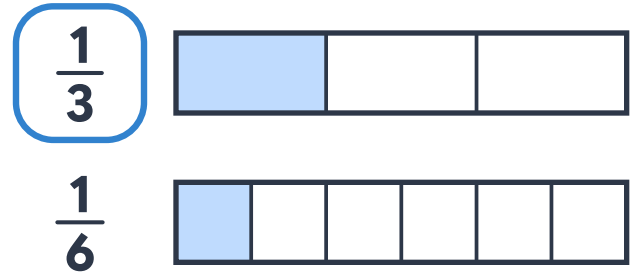
Comparing Unit Fractions

Shade 1 part of each strip. Circle the greater fraction.

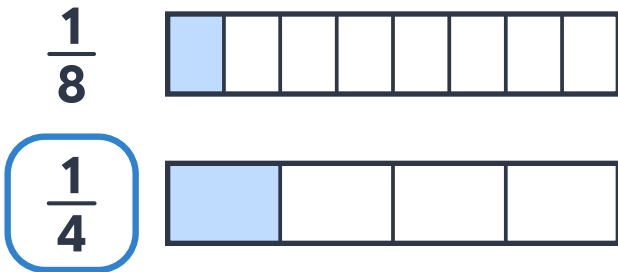
Example



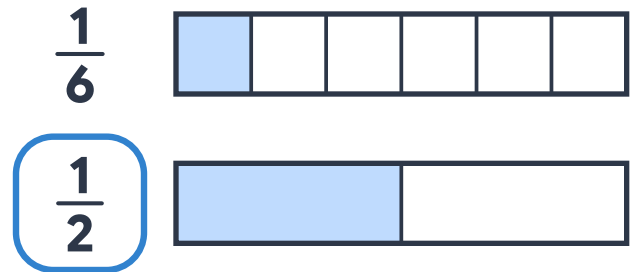
1.



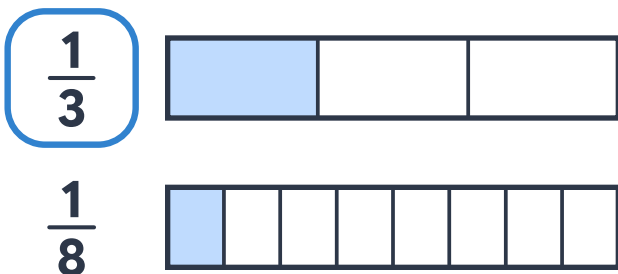
2.



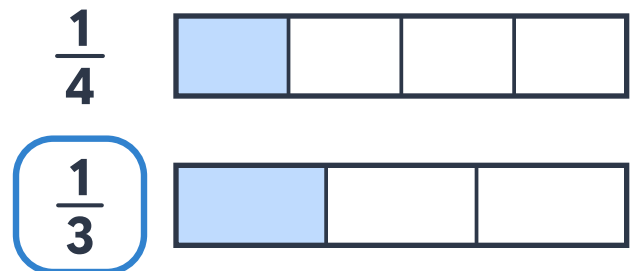
3.



4.



5.



Comparing Unit Fractions

Compare the shaded parts. Write $>$, $<$ or $=$.

Example



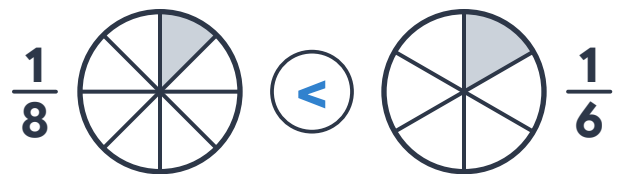
1.



2.



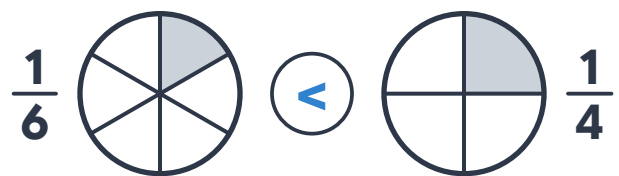
3.



4.



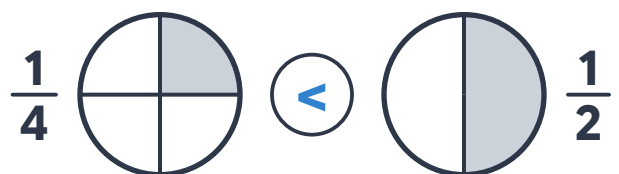
5.



6.



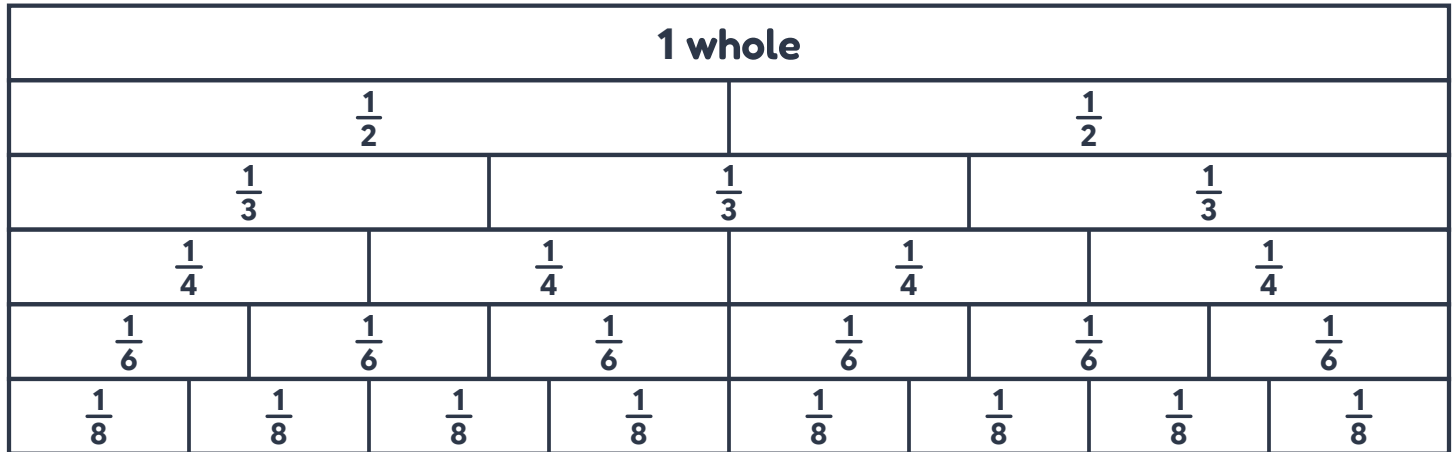
7.



Comparing Unit Fractions

Use the fraction wall. Write $>$, $<$ or $=$.

Fraction wall: every row is the same whole.



More parts in the whole means smaller parts.

Example

$$\frac{1}{3} > \frac{1}{4}$$

1.

$$\frac{1}{8} < \frac{1}{2}$$

2.

$$\frac{1}{6} > \frac{1}{8}$$

3.

$$\frac{1}{4} > \frac{1}{6}$$

4.

$$\frac{1}{2} > \frac{1}{3}$$

5.

$$\frac{1}{8} < \frac{1}{3}$$

6.

$$\frac{1}{4} = \frac{1}{4}$$

7.

$$\frac{1}{6} < \frac{1}{2}$$

8.

$$\frac{1}{2} > \frac{1}{4}$$

9.

$$\frac{1}{8} < \frac{1}{4}$$

10.

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

11.

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

Comparing Unit Fractions

Put the fractions in order. Compare them in words.

Write the fractions in order from least to greatest.

Example

$$\frac{1}{4}, \frac{1}{2}, \frac{1}{8}$$

least $\frac{1}{8} < \frac{1}{4} < \frac{1}{2}$ greatest

1. $\frac{1}{3}, \frac{1}{6}, \frac{1}{2}$ least $\frac{1}{6} < \frac{1}{3} < \frac{1}{2}$ greatest

2. $\frac{1}{8}, \frac{1}{3}, \frac{1}{4}$ least $\frac{1}{8} < \frac{1}{4} < \frac{1}{3}$ greatest

3. $\frac{1}{2}, \frac{1}{6}, \frac{1}{4}$ least $\frac{1}{6} < \frac{1}{4} < \frac{1}{2}$ greatest

4. $\frac{1}{6}, \frac{1}{8}, \frac{1}{3}$ least $\frac{1}{8} < \frac{1}{6} < \frac{1}{3}$ greatest

Circle the words that make the sentence true.

Example

one third is greater than is less than is equal to one sixth.

5. one eighth is greater than is less than is equal to one half.

6. one fourth is greater than is less than is equal to one fourth.

7. Who is right?

Max says $\frac{1}{8}$ is greater than $\frac{1}{4}$ because 8 is greater than 4.

Is Max right? Yes No Eighths are smaller parts than fourths, so $\frac{1}{8} < \frac{1}{4}$.

Comparing Unit Fractions

Shade each part. Then circle the answer.

To compare fractions, the wholes must be the same size.

Example

Ana eats $\frac{1}{4}$ of a pizza. Ben eats $\frac{1}{8}$ of a pizza of the same size. Who eats more pizza?



Ana



Ben

1. Kai paints $\frac{1}{2}$ of a fence. Zoe paints $\frac{1}{3}$ of a fence of the same size. Who paints less?

Kai



Zoe



2. Leo uses $\frac{1}{6}$ of a ribbon. Mia uses $\frac{1}{3}$ of a ribbon of the same length. Who uses more ribbon?

Leo



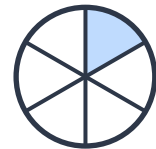
Mia



3. Gran eats $\frac{1}{8}$ of a pie. Dad eats $\frac{1}{6}$ of a pie of the same size. Who eats less pie?



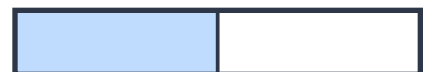
Gran



Dad

4. Nia and Sam have the same granola bar. Nia eats $\frac{1}{2}$ of hers. Sam eats $\frac{1}{4}$ of his. Who eats more?

Nia



Sam



5. Max eats $\frac{1}{4}$ of the big pizza. Ivy eats $\frac{1}{2}$ of the small pizza. Look at the pizzas. Who eats more pizza?



Max



Ivy