PIZZA SLICE SHOP

Colour the fraction

Level 3 · Make the slice

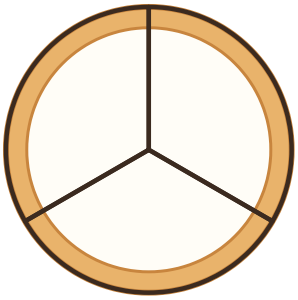
Name: _____ **Date:** _____

Each customer ordered a fraction of a pizza. The **bottom number** says how many equal slices the pizza is cut into. The **top number** says how many slices to colour. **Colour** exactly that many slices.

1 🐻 Benny wants

$\frac{1}{3}$

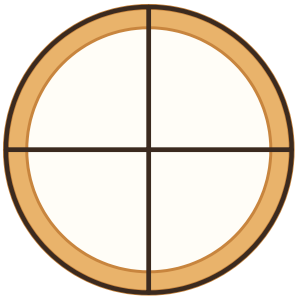
one third



2 🦁 Leo wants

$\frac{3}{4}$

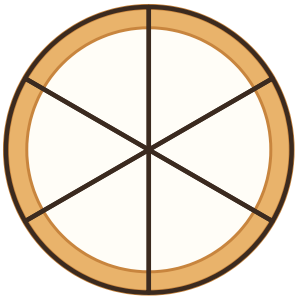
three quarters



3 🐶 Daisy wants

$\frac{4}{6}$

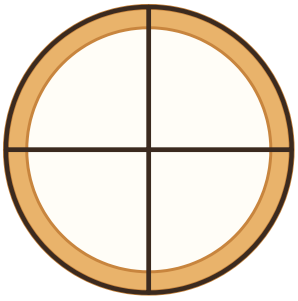
four sixths



4 🐷 Penny wants

$\frac{1}{4}$

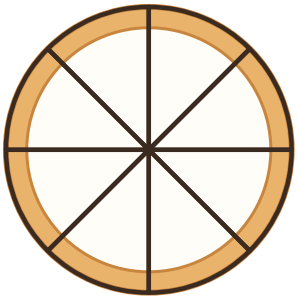
one quarter



5 🦊 Felix wants

$\frac{3}{8}$

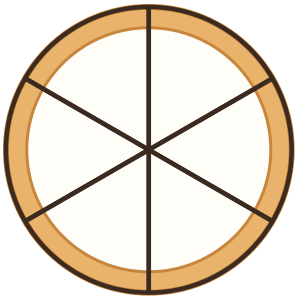
three eighths

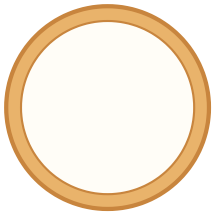


6 🐵 Momo wants

$\frac{5}{6}$

five sixths





Bonus

Robo forgot to cut this one! Cut it into halves with one straight line, then colour one half. What fraction is coloured? _____ What fraction is not coloured? _____

PIZZA SLICE SHOP

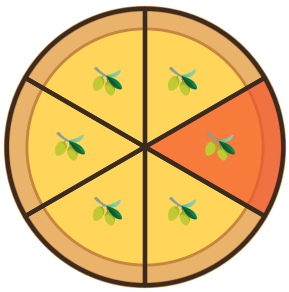
Name the fraction

Level 2 · Name the slice

Name: _____ **Date:** _____

The red slices are on the plate. Count **all** the slices for the bottom number and the **red** slices for the top number. Write the fraction, then write its name (like "three quarters").

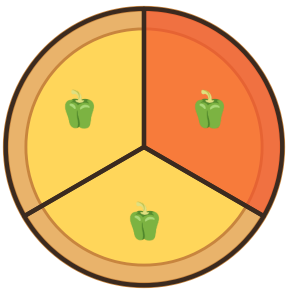
1



_____

_____

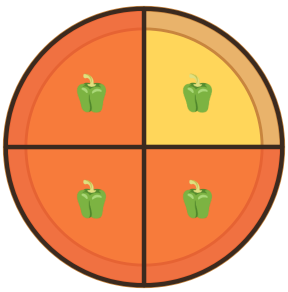
2



_____

_____

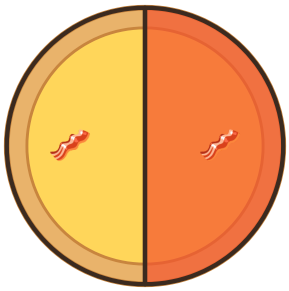
3



_____

_____

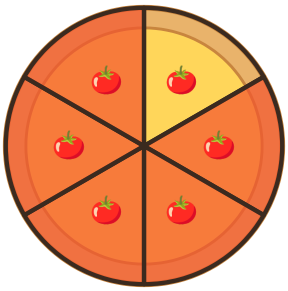
4



_____

_____

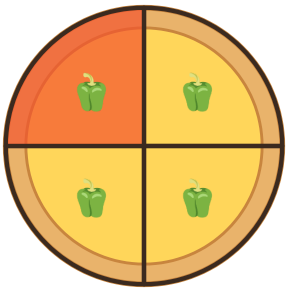
5



_____

_____

6



_____

_____

Bonus

Look at pizza 1. What fraction is not red? Write it as a fraction and in words.

_____

PIZZA SLICE SHOP

Cut it up fairly

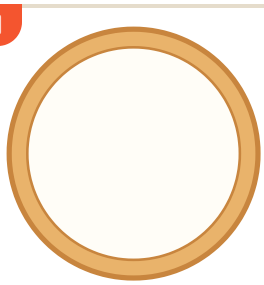
Levels 1–2 · Cut it up · Fair cuts

Name: _____ **Date:** _____

Part A: Robo baked whole pizzas. **Draw straight lines** through the middle to cut each one into **equal** slices. Tip: for quarters, cut in half, then cut each half in half. **Part B:** fair slices are all the **same size**. Circle the pizza that is cut fairly.

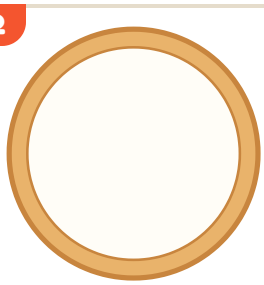
A Cut the pizza

1



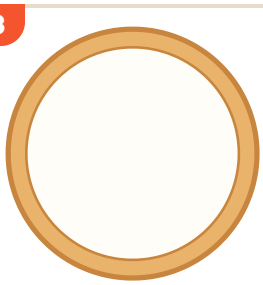
🐸 wants **quarters** (4 equal slices)

2



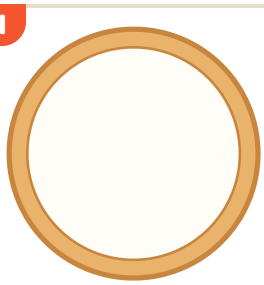
🐶 wants **halves** (2 equal slices)

3



🦁 wants **sixths** (6 equal slices)

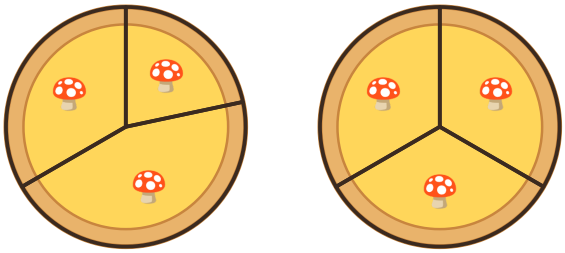
4



🐷 wants **quarters** (4 equal slices)

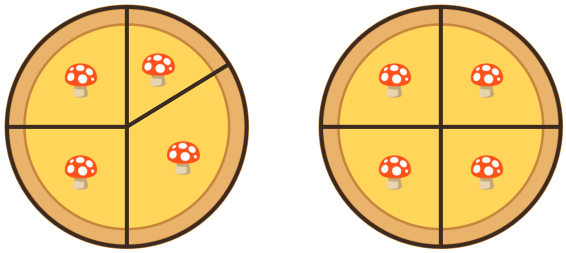
B Which pizza is cut fairly?

5 Cut into thirds. Circle the fair pizza.



Pizza A Pizza B

6 Cut into quarters. Circle the fair pizza.



Pizza A Pizza B

Bonus

Why is it not fair if one friend's slice is bigger than the others? Write one sentence.

_____

PIZZA SLICE SHOP

Share and compare

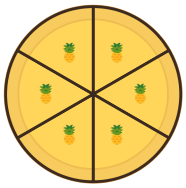
Levels 4–5 · Share fairly · Which is more?

Name: _____ Date: _____

Part A: friends share one pizza **equally**. Draw the slices onto the plates, one at a time, until they are all gone. How many does each friend get? **Part B:** look at the coloured part of each pizza. Circle the **bigger fraction** and write > or < in the box.

A Share the pizza equally

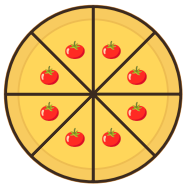
1



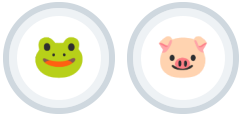
6 slices · 3 friends

6 ÷ 3 = ☐ each

2



8 slices · 2 friends



8 ÷ 2 = ☐ each

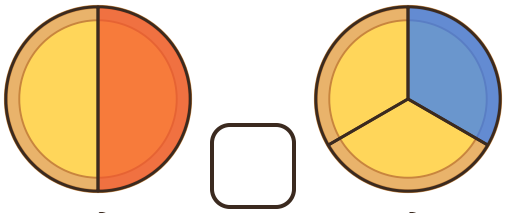
3

3 slices · 3 friends

3 ÷ 3 = ☐ each

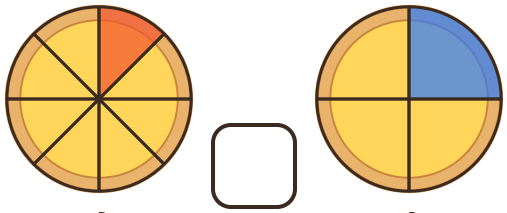
B Which is more?

4



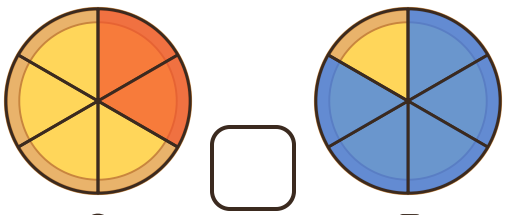
$\frac{1}{2}$ ☐ $\frac{1}{3}$

5



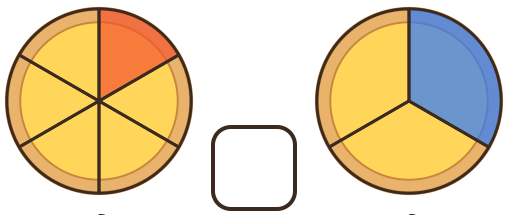
$\frac{1}{8}$ ☐ $\frac{1}{4}$

6



$\frac{2}{6}$ ☐ $\frac{5}{6}$

7



$\frac{1}{6}$ ☐ $\frac{1}{3}$

PIZZA SLICE SHOP

Answer key

Page 1: Colour the fraction

1. 1/3: colour **1** of the 3 slices (any 1 slices)

2. 3/4: colour **3** of the 4 slices (any 3 slices)

3. 4/6: colour **4** of the 6 slices (any 4 slices)

4. 1/4: colour **1** of the 4 slices (any 1 slices)

5. 3/8: colour **3** of the 8 slices (any 3 slices)

6. 5/6: colour **5** of the 6 slices (any 5 slices)

7. Bonus: one line through the middle; coloured **1/2**, not coloured **1/2**

Page 2: Name the fraction

1. 1/6 (one sixth)

2. 1/3 (one third)

3. 3/4 (three quarters)

4. 1/2 (one half)

5. 5/6 (five sixths)

6. 1/4 (one quarter)

7. Bonus: **5/6** (five sixths)

Page 3: Cut it up fairly

1. quarters: **2 lines (a +)**, 4 equal slices

2. halves: **1 line**, 2 equal slices

3. sixths: **3 lines through the middle**, 6 equal slices

4. quarters: **2 lines (a +)**, 4 equal slices

5. Fair pizza: **B** (all 3 slices the same size)

6. Fair pizza: **B** (all 4 slices the same size)

Page 4: Share and compare

1. 6 ÷ 3 = **2** slices each

2. 8 ÷ 2 = **4** slices each

3. 3 ÷ 3 = **1** slices each

4. 1/2 **>** 1/3 (bigger: **1/2**)

5. 1/8 **<** 1/4 (bigger: **1/4**)

6. 2/6 **<** 5/6 (bigger: **5/6**)

7. 1/6 **<** 1/3 (bigger: **1/3**)