Skills Bank

LESSON

1

1. How many tiles in each rectangle are blue?

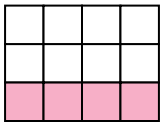
a) A rectangle has 8 tiles. $\frac{1}{4}$ of its tiles are blue.

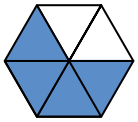
b) A rectangle has 15 tiles. $\frac{2}{3}$ of its tiles are blue.

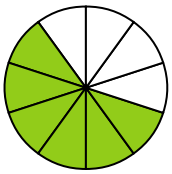
2. $\frac{2}{5}$ of the tiles in a rectangle are blue. How many tiles would be blue if the rectangle had 5 tiles? 10 tiles? 30 tiles?

2

3. What fraction of each picture is shaded? Name the fraction in at least two ways.

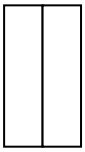
a) 

b) 

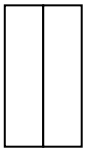
c) 

4. Change each model to show the number of equal parts.

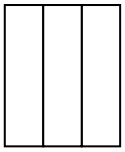
a) tenths



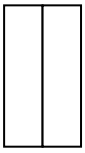
c) sixths



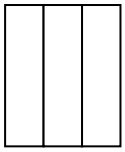
e) ninths



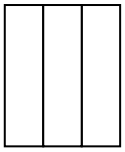
b) eighths



d) sixths

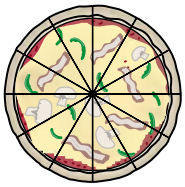


f) twelfths

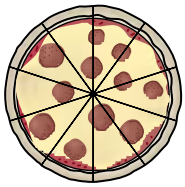


3

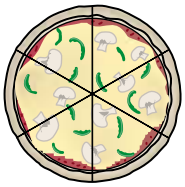
5. Glynis, Anna, and Martin each ate five slices of pizza. Which student ate half a pizza? Explain how you know.



Glynis



Anna



Martin

3

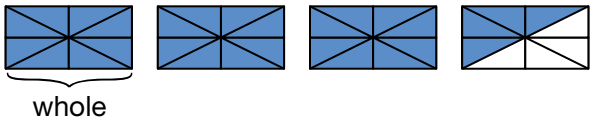
6. Which fraction is greater? Explain your answers.

a) $\frac{5}{6}$ or $\frac{3}{6}$ **b)** $\frac{3}{5}$ or $\frac{3}{8}$ **c)** $\frac{1}{4}$ or $\frac{1}{12}$ **d)** $\frac{3}{8}$ or $\frac{1}{2}$

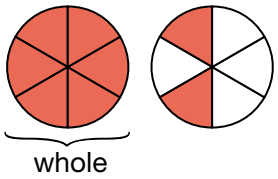
4

7. Name each shaded part as an improper fraction and as a mixed number.

a)



b)



8. It takes Carol $\frac{1}{3}$ of an hour to complete a riding trail on her horse. She rode the trail seven times on Saturday. Write an improper fraction and a mixed number to represent the total time she rode in hours.

5

9. Represent and write equivalent fractions using tenths or hundredths.

a) $\frac{1}{4}$ **b)** $\frac{4}{5}$ **c)** $\frac{3}{2}$ **d)** $\frac{1}{5}$ **e)** $\frac{1}{25}$

10. Represent and write equivalent decimals.

a) $\frac{1}{2}$ **b)** $\frac{3}{4}$ **c)** $\frac{3}{5}$ **d)** $\frac{17}{50}$ **e)** $\frac{7}{20}$

11. Simon said that $\frac{1}{4} = 0.4$. Is he right or wrong? Show how you know.

12. Order the nutritional information from greatest to least fraction.

protein	$\frac{3}{100}$	carbohydrates	$\frac{1}{5}$
fat	$\frac{1}{50}$	fibre	$\frac{1}{20}$

7

13. **a)** Make and label a number line to order these fractions from least to greatest: $\frac{1}{6}, \frac{2}{3}, \frac{5}{6}, \frac{1}{2}, \frac{1}{5}$

b) List all the equivalent fractions that you labelled on your number line.

$\frac{1}{2}$					$\frac{1}{2}$
$\frac{1}{3}$			$\frac{1}{3}$		$\frac{1}{3}$
$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$