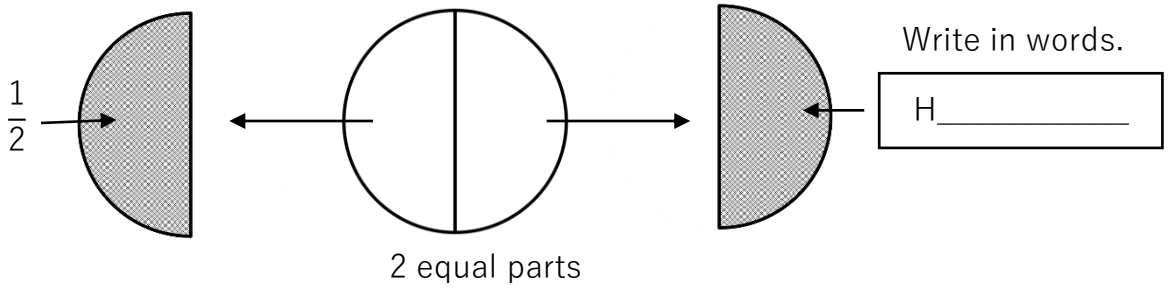
BASIC MATH EXPLAINED
Understand, Learn, Teach

Date:

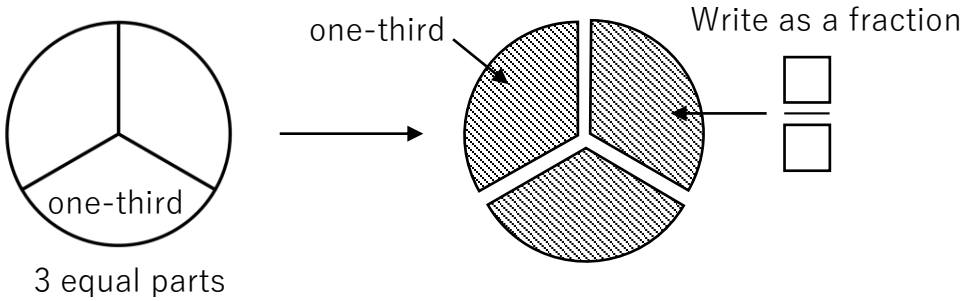
Class:

Name:

1. A circle is cut into 2 equal parts. What is each part called?



2. The circle below is cut into 3 equal parts. Each part called is called one-third. Write this as a fraction.

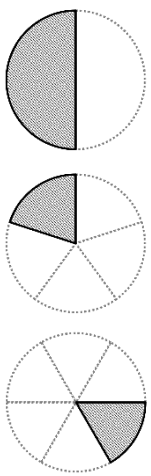


3. Match the fraction to its fraction diagram.

$\frac{1}{5}$ •

$\frac{1}{6}$ •

$\frac{1}{2}$ •



© www.basic-math-explained.com

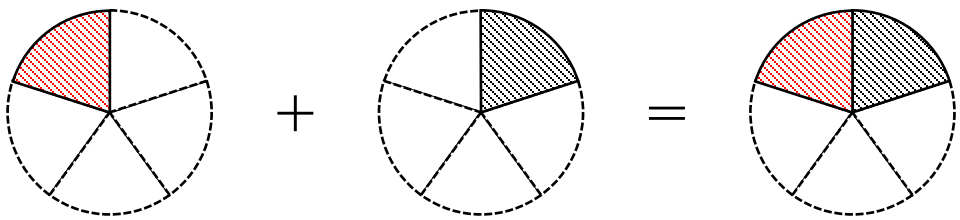
4. Match the following.

1 section out of 2 equal sections	•	• $\frac{1}{4}$
2 sections out of 3 equal sections	•	• $\frac{1}{2}$
1 part out of 4 equal parts	•	• $\frac{3}{5}$
3 parts out of 5 equal parts	•	• $\frac{2}{3}$

5. Match the following.

Half	•	• $\frac{1}{4}$
Quarter	•	• $\frac{1}{3}$
Fifth	•	• $\frac{1}{2}$
Third	•	• $\frac{1}{5}$

6. Find the total.

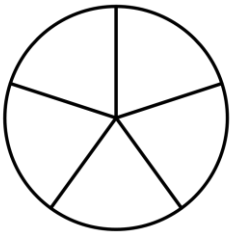


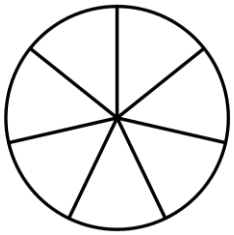
$\frac{1}{5} + \frac{1}{5} = \frac{\square}{\square}$

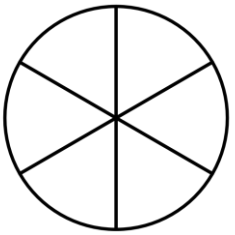
© www.basic-math-explained.com

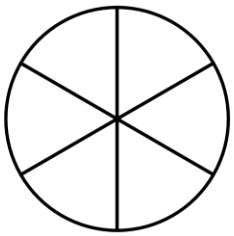
7. Shade the circles to show the fraction.

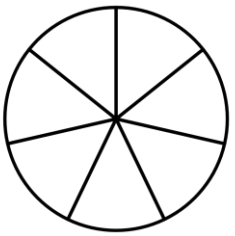
$\frac{2}{3}$ 

$\frac{2}{5}$ 

$\frac{3}{7}$ 

$\frac{1}{6}$ 

$\frac{5}{6}$ 

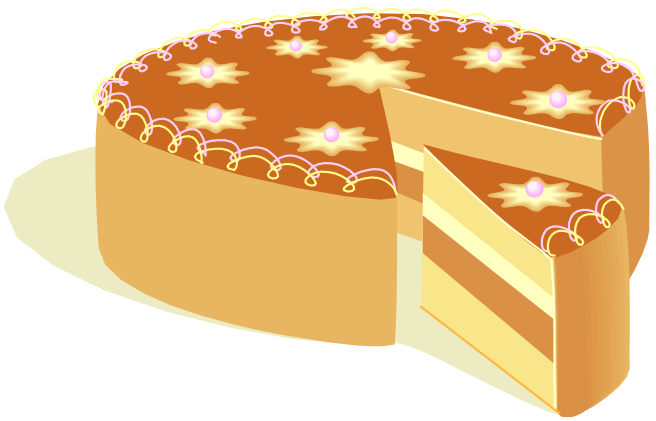
$\frac{7}{7}$ 

8. I have a cake.

I cut the whole cake into equal slices.

I ate one slice.

If I had eaten $\frac{1}{8}$ of the cake, how many slices did I cut the whole cake into?



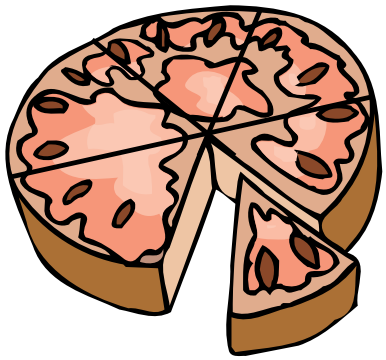
Answer: _____ slices

© www.basic-math-explained.com

9. Melissa baked a cake. She cut the cake into 6 equal slices. She ate one slice.

a) What fraction of the cake did Melissa eat?

b) What fraction of the cake is there left?



Answer: a) b)

10. I have a bar of chocolate.
I break the whole bar into 6 equal pieces.
I ate one piece.
My brother ate two pieces.
What fraction of the bar of chocolate did we eat altogether?

Answer:

© www.basic-math-explained.com