

4.NF.B.3.B

DECOMPOSE FRACTIONS

TASK CARDS



ANSWER SHEET

Name: _____ Date: _____

Card #	Answer	Card #	Answer
1.		16.	
2.		17.	
3.		18.	
4.		19.	
5.		20.	
6.		21.	
7.		22.	

29 Decompose Fractions

Zara did $\frac{8}{10}$ of her homework over two days. Which fraction could she have done each day?

5 Decompose Fractions

Decompose $\frac{3}{6}$ into a sum of fractions.

$\frac{5}{10} + \frac{1}{10}$

$\frac{2}{10} + \frac{7}{10}$

Diego drank $\frac{5}{6}$ of his gallon of lemonade. Which equation shows the portions Diego might have drunk his lemonade in?

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

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

Decompose Fractions CHALLENGE

Mila has $\frac{9}{12}$ of a cake. She shared it with her friends. Write a decomposed fraction that represents how much cake Mila's friends ate.

Decompose Fractions

A cartoon character wearing a white chef's hat and glasses, holding a notepad and a pencil.

PRINTABLE AND DIGITAL

Mag
CORE

- 30 PRINT-AND-GO TASK CARDS
- READY TO USE FOR CENTERS

ANSWER SHEET

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5.		20.	
6.		21.	
7.		22.	
8.		23.	
9.		24.	
10.		25.	
11.		26.	
12.		27.	
13.		28.	
14.		29.	
15.		30.	



13 Decompose Fractions

How can $1\frac{3}{4}$ be written as a sum of fractions?

a. $\frac{4}{4} + \frac{4}{4} + \frac{3}{4}$ c. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

b. $\frac{4}{4} + \frac{3}{4}$ d. $1 + \frac{2}{4}$

15 Decompose Fractions

How can $2\frac{3}{8}$ be decomposed?

a. $\frac{1}{8} + \frac{1}{8}$ c. $1 + 1 + \frac{1}{8} + \frac{1}{8}$

b. $\frac{4}{4} + \frac{4}{4} + \frac{1}{4}$ d. $\frac{8}{8} + \frac{8}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

14 Decompose Fractions

How can $\frac{11}{12}$ be written?

a. $\frac{6}{12} + \frac{5}{12}$ c. $\frac{3}{12} + \frac{3}{12} + \frac{3}{12}$

b. $\frac{8}{12} + \frac{2}{12}$ d. $\frac{2}{12} + \frac{3}{12} + \frac{5}{12}$

16 Decompose Fractions

Which equation correctly decomposes $\frac{19}{100}$?

a. $\frac{9}{10} + \frac{10}{10}$ c. $\frac{5}{10} + \frac{4}{10}$

b. $\frac{15}{100} + \frac{4}{100}$ d. $\frac{5}{100} + \frac{6}{100} + \frac{10}{100}$

23 Decompose Fractions

Yasmin's family ate $\frac{11}{12}$ of a pie. Which of these correctly shows how much each person in Yasmin's family may have eaten the pie?



Decompose Fractions CHALLENGE

Mila has $\frac{9}{12}$ of a cake. She shares $\frac{5}{12}$ of it with her friends. Write a decomposed equation that represents how much cake Mila has left.



SELF CORRECTING, INCLUDES REPORTING CERTIFICATE

17 Decompose Fractions

Aisha ate $\frac{3}{8}$ of a pizza in two sittings. Which shows a possible way Aisha could have eaten her pizza in two sittings?

a. $\frac{1}{8} + \frac{2}{8}$ c. $\frac{4}{8} - \frac{1}{8}$
 b. $\frac{2}{8} + \frac{3}{8}$ d. $\frac{1}{8} + \frac{4}{8}$

19 Decompose Fractions

Mei used $\frac{4}{5}$ of a cup of flour for baking. Which equation correctly decomposes $\frac{4}{5}$ into smaller parts?

c. $1 + \frac{1}{5}$
 d. $\frac{1}{5} + \frac{2}{5} + \frac{1}{5}$

9 Decompose Fractions

Decompose $\frac{75}{100}$ into a sum of fractions.

c. $\frac{2}{10} + \frac{2}{10} + \frac{5}{10}$

18 Decompose Fractions

Which

10 Decompose Fractions

How can $\frac{7}{10}$ be written?



$\frac{3}{10} + \frac{3}{10}$ c. $\frac{3}{10} + \frac{3}{10} + \frac{3}{10}$
 $\frac{4}{10} + \frac{4}{10}$ d. $\frac{2}{10} + \frac{2}{10} + \frac{3}{10}$

Decompose Fractions

Which equation correctly decomposes $\frac{4}{8}$?



$\frac{1}{8} + \frac{2}{8}$ c. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$
 $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$ d. $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

INCORRECT

The correct answer is $\frac{4}{4} + \frac{4}{4} + \frac{4}{4} + \frac{1}{4}$.

CONTINUE

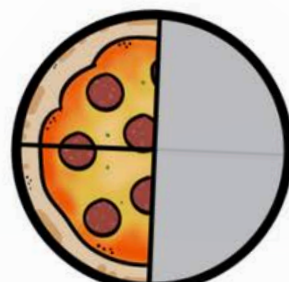
$\frac{4}{4} + \frac{4}{4} + \frac{4}{4} + \frac{1}{4}$ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$



SHUFFLES CARDS, SO STUDENTS
CAN PRACTICE MORE THAN ONCE

1 Decompose Fractions

How can $\frac{2}{4}$ be decomposed?



a. $\frac{1}{4} + \frac{1}{4}$

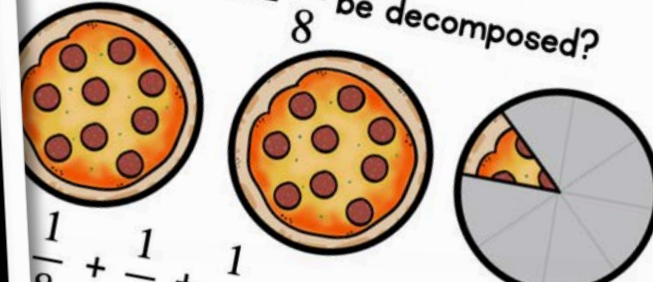
2 Decompose Fractions

Which equation correctly decomposes $\frac{3}{6}$?



7 Decompose Fractions

How can $2\frac{1}{8}$ be decomposed?



c. $1 + 1 + \frac{1}{8}$

ANSWER SHEET

Name: _____

Card #	Answer	Card #	Answer
1.			
2.			
3.			

Decompose Fractions CHALLENGE

Mila has $\frac{9}{12}$ of a cake. She shares it with her friends. Write a decomposed equation that represents how much cake Mila has left.

Amara shared $3\frac{1}{4}$ pounds of apples with her family. Which of the following equations shows how Amara could have split her apples?

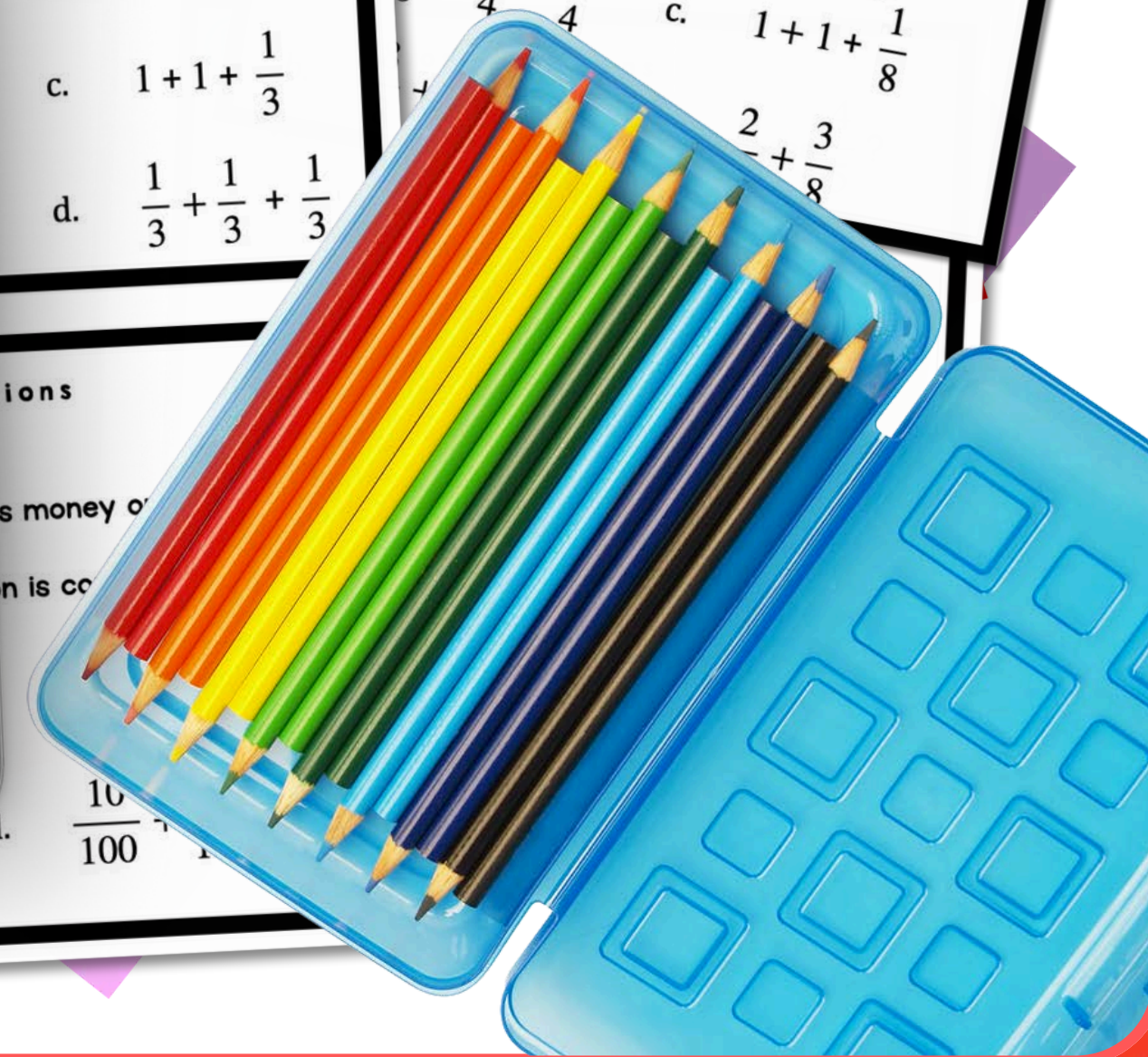
$\frac{2}{12} + \frac{8}{12}$ $1 + 1 + 1 + \frac{4}{4}$

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

over a week. Which of the fractions Omar ate time?

c. $1 + 1 + \frac{1}{3}$

d. $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

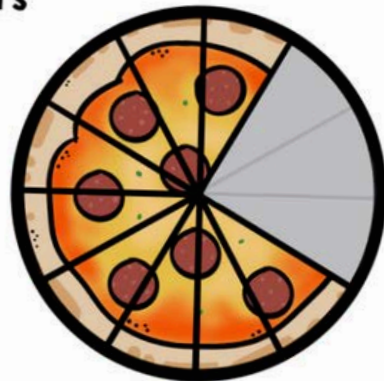


b. $\frac{4}{4} + \frac{4}{4} + \frac{4}{4} + \frac{1}{4}$ d. $\frac{2}{4} + \frac{2}{4} + \frac{2}{4}$

STANDARDS ALIGNED

6 Decompose Fractions

How can $\frac{9}{12}$ be written?



- a. $\frac{3}{12} + \frac{3}{12}$ c. $\frac{3}{12} + \frac{3}{12} + \frac{3}{12}$
b. $\frac{4}{12} + \frac{4}{12}$ d. $\frac{6}{12} + \frac{2}{12} + \frac{3}{12}$

15 Decompose Fractions

How can $2\frac{3}{8}$ be decomposed?



- a. $\frac{1}{8} + \frac{1}{8}$ c. $1 + 1 + \frac{1}{8} + \frac{1}{8}$
b. $\frac{4}{4} + \frac{4}{4} + \frac{1}{4}$ d. $\frac{8}{8} + \frac{8}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

30 Decompose Fractions

Hannah ate $\frac{6}{8}$ of a pizza in multiple sittings.

Which of the following could be the fractions Hannah ate each time?

- a. $\frac{3}{6} + \frac{3}{6}$ c. $\frac{2}{8} + \frac{2}{8} + \frac{2}{8}$
b. $\frac{2}{8} + \frac{3}{8}$ d. $\frac{1}{8} + \frac{4}{8} + \frac{2}{8}$

Decompose Fractions CHALLENGE

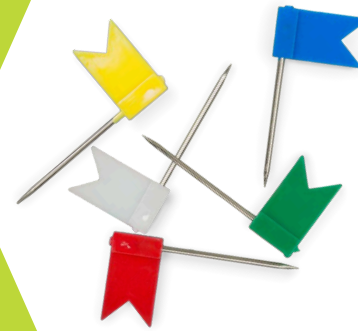
Mila has $\frac{9}{12}$ of a cake. She shares $\frac{5}{12}$ of it with her friends. Write a decomposed equation that represents how much cake Mila has left.

22 Decompose Fractions

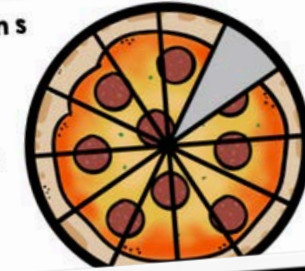
Kofi divided $2\frac{1}{8}$ pounds of sugar into smaller parts for recipes. Which equation shows this?

- a. $\frac{1}{8} + \frac{2}{8}$
b. $\frac{1}{4} + \frac{1}{4}$

USE OVER AND OVER FOR CENTERS, GAMES, AND REVIEW



Decompose Fractions
How can $\frac{11}{12}$ be written?



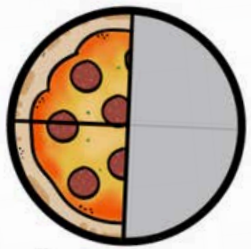
Decompose Fractions CHALLENGE
Mila has $\frac{9}{12}$ of a cake. She shares $\frac{5}{12}$ of it with her friends. Write an equation that Mila has left.

ANSWER SHEET

ANSWER SHEET

1 Decompose Fractions

How can $\frac{2}{4}$ be decomposed?



- a. $\frac{1}{4} + \frac{1}{4}$ c. $\frac{1}{2} + \frac{1}{4}$
b. $\frac{2}{8} + \frac{1}{4}$ d. $\frac{3}{4} + \frac{1}{4}$

2 Decompose Fractions

Which equation correctly decomposes $\frac{3}{4}$?

- a. $\frac{1}{6} + \frac{2}{6}$
b. $\frac{3}{8} + \frac{3}{6}$

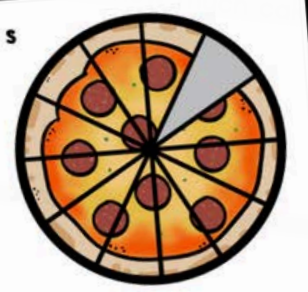
13 Decompose Fractions

How can $1\frac{3}{4}$ be written as a sum of fractions?

- a. $\frac{4}{4} + \frac{4}{4} + \frac{3}{4}$ c. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$
b. $\frac{4}{4} + \frac{3}{4}$ d. $1 + \frac{2}{4}$

Decompose Fractions

How can $\frac{11}{12}$ be written?



- a. $\frac{6}{12} + \frac{5}{12}$ c. $\frac{3}{12} + \frac{3}{12} + \frac{3}{12}$
b. $\frac{8}{12} + \frac{2}{12}$ d. $\frac{2}{12} + \frac{3}{12} + \frac{5}{12}$

16 Decompose Fractions

Which equation correctly decomposes $\frac{9}{10}$?

- a. $\frac{9}{10} + \frac{10}{10}$ c. $\frac{5}{10} + \frac{4}{10}$
b. $\frac{15}{100} + \frac{4}{100}$ d. $\frac{5}{100} + \frac{6}{100} + \frac{10}{100}$

3 Decompose Fractions

How can $\frac{5}{8}$ be decomposed?



- a. $\frac{1}{8} + \frac{1}{4}$ c. $\frac{4}{8} + \frac{2}{8}$
b. $\frac{3}{8} + \frac{3}{8}$ d. $\frac{2}{8} + \frac{3}{8}$

4 Decompose Fractions

Which equation correctly decomposes $1\frac{1}{5}$?

- a. $\frac{2}{5} + \frac{1}{5}$ c. $\frac{4}{5} + \frac{1}{5}$
b. $\frac{4}{10} + \frac{1}{5}$ d. $\frac{3}{5} + \frac{2}{5}$

15 Decompose Fractions

How can $2\frac{3}{8}$ be decomposed?



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

- b. $\frac{6}{10} + \frac{3}{10}$ c. $\frac{5}{10} + \frac{1}{10}$
d. $\frac{2}{10} + \frac{7}{10}$

Card #	Answer
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

5 Decompose Fractions
Decompose $\frac{3}{6}$ into a sum of fractions.



- a. $\frac{1}{6} + \frac{1}{6}$ c. $\frac{2}{6} + \frac{1}{6}$
b. $\frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ d. $\frac{3}{6} + \frac{1}{6}$

