حل تدريبات الدرسين الأول والثاني من الوحدة العاشرة منهج ريفيل

موقع المناهج ⇦ المناهج الإماراتية ⇦ الصف الرابع ⇦ رياضيات ⇦ الفصل الثاني ⇦ حلول ⇦ الملف

تاريخ إضافة الملف على موقع المناهج: 2025-03-01 07:28:05

المزيد من مادة رياضيات:	ملفات ا كتب للمعلم ا كتب للطالب ا اختبارات الكترونية ا اختبارات ا حلول ا عروض بوربوينت ا أوراق عمل منهج انجليزي ا ملخصات وتقارير ا مذكرات وبنوك ا الامتحان النهائي ا للمدرس

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التواصل الاجتماعي بحسب الصف الرابع

صفحة المناهج الإماراتية على فيسبوك					
المواد على تلغرام	التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات	

المزيد من الملفات بحسب الصف الرابع والمادة رياضيات في الفصل الثاني

1	حل مراجعة الوحدة الثامنة منهج ريفيل
2	حل تجميعة أسئلة وفق الهيكل الوزاري
3	مراجعة الوحدة الثامنة منهج ريفيل
4	تجميعة أسئلة الوحدة السابعة والثامنة وفق الهيكل الوزاري منهج ريفيل
5	أسئلة اختبار EQUIVALENCE FRACTION 8 UNIT 2 Quiz منهج ريفيل

رابط مجموعة الصف الرابع

https://t.me/MathG4aMrmohamed

Unit 10 – L 1

Lesson 10-1

Understand Decomposing Mixed Numbers

Learn

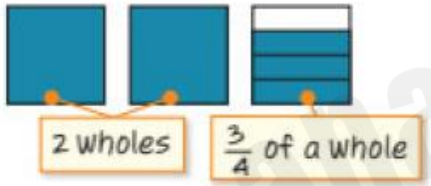
Ciana needs to measure $2\frac{3}{4}$ cups of flour to make muffins. She has only the measuring cup shown.

$\frac{1}{4}$ cup

How many times will Ciana need to fill the measuring cup?

$2\frac{3}{4}$ is a **mixed number**.

It has a whole-number part and a fraction part.



One Way Decompose into a sum of whole-number parts and fraction parts.

$$2\frac{3}{4} = 1 + 1 + \frac{3}{4}$$

$$2\frac{3}{4} = \frac{4}{4} + \frac{4}{4} + \frac{3}{4}$$

$$2\frac{3}{4} = \frac{11}{4}$$

Another Way Decompose into a sum of unit fractions.

$$2\frac{3}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$$

$$2\frac{3}{4} = \frac{11}{4}$$

Ciana can use eleven $\frac{1}{4}$ cup measuring cups.

Math is... Structure

What is another way to decompose a mixed number?

Work Together

How can you decompose $2\frac{1}{3}$? Write an equation to show the decomposition.

How can you decompose the mixed number? Write equations to represent the decomposition.

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

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

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

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

5. What fraction is equivalent to $5\frac{2}{3}$? Use a representation or equation to justify your answer.

6. Linda decomposed a mixed number as $\frac{2}{2}+\frac{2}{2}+\frac{2}{2}+\frac{2}{2}+\frac{2}{2}+\frac{1}{2}$.

   a. What mixed number did Linda decompose?

   b. What is another way Linda could decompose the mixed number?

7. What mixed number is equivalent to $\frac{17}{6}$? Use a representation or equation to justify your answer.

Lesson 10-1

Exit Ticket

Name _____

1a. Decompose the mixed number $7\frac{2}{5}$ into its whole number parts and fractional parts. Write the whole number decomposed into 1s and the fraction decomposed into unit fractions in an equation.

b. $1 = \frac{5}{5}$

So, $7\frac{2}{5} = \frac{\square}{5}$

A. 35 **B.** 37

C. 14 **D.** 19

2. Dawson decomposes a mixed number to: $\frac{3}{4} + \frac{4}{4} + \frac{7}{4} + \frac{1}{4}$

What mixed number did Dawson decompose?

3. Gary uses $\frac{1}{2}$ piece of paper for each card he makes. He has $5\frac{1}{2}$ pieces of paper. How many cards can Gary make?

Unit 10 – L 2

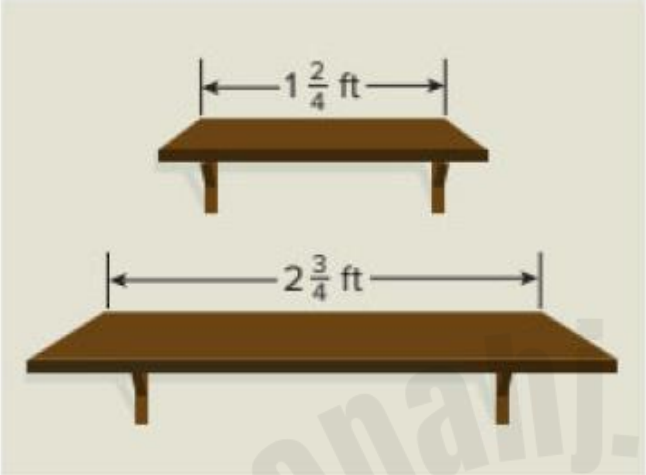
Lesson 10-2

Represent Adding Mixed Numbers

Learn

Tara buys a 5-foot-long board to make two shelves.

How much of the board will she use?

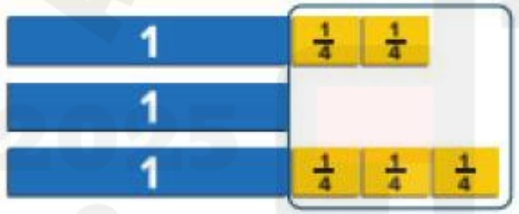


You can use fraction models to represent the addition.

You can use fraction models to represent the problem.

$1\frac{2}{4} + 2\frac{3}{4} = b$

Add the whole number parts and the fraction parts. You can make another whole.



3 $\frac{5}{4} = 1\frac{1}{4}$

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

Tara will use $4\frac{1}{4}$ feet of the board.

Math is... Modeling

Work Together

Kyle rode his bike $2\frac{3}{5}$ miles in the morning and $1\frac{4}{5}$ miles in the afternoon. How far did Kyle ride during the day? Use a number line to represent and solve the problem.

What is the sum? Use a representation to show your work.

1. $1\frac{2}{5} + 2\frac{2}{5} = \square\frac{\square}{\square}$

2. $2\frac{3}{4} + 1\frac{2}{4} = \square\frac{\square}{\square}$

3. $1\frac{6}{12} + 1\frac{4}{12} = \square\frac{\square}{\square}$

4. $2\frac{5}{8} + 1\frac{7}{8} = \square\frac{\square}{\square}$

5. $1\frac{7}{10} + 1\frac{9}{10} = \square\frac{\square}{\square}$

6. $2\frac{2}{6} + 1\frac{3}{6} = \square\frac{\square}{\square}$

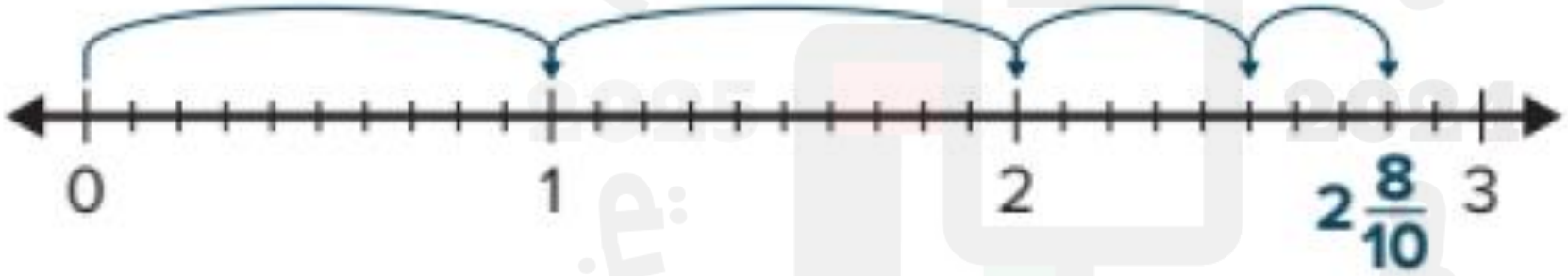
7. Greg has $1\frac{3}{4}$ pounds of peaches. He buys another $3\frac{3}{4}$ pounds of peaches at the store. How many pounds of peaches does Greg have now?

8. How can you use the fraction circles to find the sum of $1\frac{4}{6}+1\frac{3}{6}$?

9. Lynelle has a goal of walking 4 miles each day. Yesterday she walked $2\frac{5}{8}$ miles in the morning and $1\frac{5}{8}$ miles in the evening. Did Lynelle meet her goal yesterday? Use a representation to justify your answer.

10. Tomika spent $1\frac{2}{3}$ hours working on her science project this week. She spent $1\frac{1}{3}$ more hours reading than she did on her science project. How many hours did she spend reading this week?

11. Nate used a number line to find the sum of $1\frac{5}{10} + 1\frac{3}{10}$. How can you explain Nate's strategy?

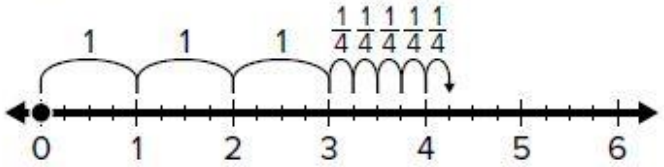


Lesson 10-2

Exit Ticket

Name _____

1. What is the sum? Use the number line. Write the sum as a mixed number.



$1\frac{3}{4} + 2\frac{2}{4} =$ _____

What is the sum? Use a representation to show your work.

2. $8\frac{10}{12} + 2\frac{7}{12} =$ _____

3. $2\frac{2}{3} + 4\frac{2}{3} =$ _____

4. Mr. Fedor teaches a group of students for $2\frac{2}{6}$ hours before the students go to Mrs. Demi's class. Mrs. Demi then teachers the group of students for $1\frac{5}{6}$ hours. How long do Mr. Fedor and Mrs. Demi teach the group of students altogether?

   A. $4\frac{1}{6}$ hours **B.** $3\frac{1}{6}$ hours

   C. $3\frac{3}{6}$ hours **D.** $4\frac{3}{6}$ hours