Mathematics | Grade 4

I Gade 4, c a e dfc eec caaea:(1)
de e g de adgad e c -dg ca,
adde e g de adgfd dg de adgffac
e ae ce, add ad bac ffac e de a
ad ca ffac b e be;(3) de adg
age e c.g e cabeaa edadca edbaed e
e, c a age ea e, ad e .

(1) S de geea e e de ad g f $\stackrel{4}{\sim}$ cea e 1,000,000, de adgeea e e f be eac 🎜 ce. Te a 🧘 e de ad g f de f 🔪 ca (e a-ed g 💐 aa, a ea de), \mathbf{A} ce a e, a d \mathbf{A} \mathbf{A} e f \mathbf{A} a , \mathbf{A} c a e d b e 🎜 🤚 , a e de e 📌 d c , a d e ef. c e , acc a e, adgeea abeed c def de e be.De.adece, e eecad acc a e a 22 a 23 a e e d e a e e a cac a e dc.Tedee dec efce dedef deg e be; de adade 🏄 e 🗝 ced e baed \mathbf{A} ce a ead \mathbf{A} e f \mathbf{A} a ; ad e e e \mathbf{A} be . S de a \clubsuit e de a d g f de f d , \clubsuit ce a e, 1 1 e f 2 a ,ad e ea 2 fd 2 ca a e de e $\stackrel{4}{\sim}$ d c , a d e ef. c e , acc a e, a d ge e a ab e → ced e d e d de d.Te eec adaccae^ra **22** a **22 2**ae e d e a ea d e a cacae e, ad e 🚣 e a de ba ed 🚅 ec e.

(2) S de de e de a d g ffac e a e cea d

a fac . T e ec g e a dffee fac ca
be e a (e.g., 15/9 = 5/3), a d e de e e d f ge e a g a d
ec g ge a e fac . S de e e d e de a d g
ab fac a e b f fac , c g fac
f fac , dec g fac fac , a d g
e ea g ffac a d e ea g f
fac b a e be.

(3) S de decbe, a a e, c de, a d c a f -d e a a de. T g b d g, d a g, a d a a g -d e a a de, de deed e de a d g f de e f -d e a b e g e .

Grade 4 Overview

Operations and Algebraic Thinking

- Use the four operations with whole numbers to solve problems.
- Gain familiarity with factors and multiples.
- Generate and analyze patterns.

Number and Operations in Base Ten

- Generalize place value understanding for multidigit whole numbers.
- Use place value understanding and properties of operations to perform multi-digit arithmetic.

Number and Operations—Fractions

- Extend understanding of fraction equivalence and ordering.
- Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
- Understand decimal notation for fractions, and compare decimal fractions.

Measurement and Data

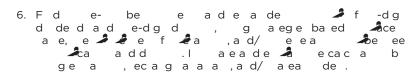
- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- · Represent and interpret data.
- Geometric measurement: understand concepts of angle and measure angles.

Geometry

• Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

Mathematical Practices

- 1. Maeeef **3** be ad **4** eee g e.
- 2. Rea ab ac ad a a e
- C c abeage a dc e e ea gfe.
- 4. M de a e a c .
- 5. U e a 🔑 💪 a e a eg ca .
- 6. A e d **♣**c .
- 7. L fadae e f c e.
- B.L fade 🚣 ega e 🚣 ed eag.

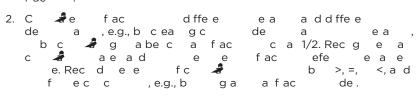


Number and Operations—Fractions³

4.NF

Extend understanding of fraction equivalence and ordering.





Build fractions from unit fractions by applying and extending

TTTTyh36RB(f)fb(f)a-1b5w.a5xy)ff(f)fb fractions by apply.TTTTTTTTTTTTTR.rd1-Tea.

Understand decimal notation for fractions, and compare decimal fractions.

5. E 🌲

- 6. Mea eage e- be degee ga 💪 ac .Sec age