

MY Homework

Lesson 6

Add Mixed Numbers

Homework Helper



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Gavin put $2\frac{1}{3}$ scoops of chili in his bowl. He put $4\frac{1}{3}$ scoops of chili in his dad's bowl. How many scoops of chili do Gavin and his dad have in all?

Find $2\frac{1}{3} + 4\frac{1}{3}$.

1 Change the mixed numbers into improper fractions.

$$2\frac{1}{3} = 1\frac{3}{3} + \frac{1}{3} = \frac{3+3+1}{3} = \frac{7}{3}$$

$$4\frac{1}{3} = 3\frac{3}{3} + \frac{1}{3} = \frac{3+3+3+3+1}{3} = \frac{13}{3}$$

2 Add the like fractions.

$$\frac{7}{3} + \frac{13}{3} = \frac{20}{3}$$

3 Simplify.

$$\frac{20}{3} = 6\frac{2}{3}$$



$$\frac{3}{3} + \frac{3}{3} + \frac{3}{3} + \frac{3}{3} + \frac{3}{3} + \frac{3}{3} + \frac{2}{3} = \frac{20}{3} \text{ or } 6\frac{2}{3}$$

So, Gavin and his dad had $6\frac{2}{3}$ scoops of chili in all.

Practice

Find each sum. Write in simplest form.

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

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

Find each sum. Write in simplest form.

3. $6\frac{2}{5} + 3\frac{2}{5} =$ _____

4. $4\frac{1}{6} + 1\frac{2}{6} =$ _____

5. $2\frac{1}{4} + 9\frac{1}{4} =$ _____

6. $7\frac{4}{8} + 1\frac{3}{8} =$ _____

7. $5\frac{6}{10} + 8\frac{3}{10} =$ _____

8. $12\frac{5}{10} + 6\frac{1}{10} =$ _____




Problem Solving

Solve. Write the answer in simplest form.

9. James cut $1\frac{1}{4}$ dozen flowers for a bouquet. Gwen added $1\frac{2}{4}$ dozen flowers to the bouquet. How many dozen flowers are there altogether?
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10. On Monday, Simon's class filled $3\frac{2}{5}$ boxes with books to donate to charity. On Wednesday, the class filled $4\frac{2}{5}$ more boxes with books to donate. How many boxes of books will Simon's class donate in all?
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11. **Mathematical PRACTICE**  **Use Number Sense** Marissa rode her bike to the park and back home. She lives $2\frac{3}{10}$ miles from the park. How many miles did Marissa ride her bike in all?
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Test Practice

12. Nate is $10\frac{9}{12}$ years old. How old will he be in $2\frac{1}{12}$ more years?
- (A) $13\frac{1}{3}$ years old (C) $12\frac{1}{4}$ years old
- (B) $12\frac{5}{6}$ years old (D) $12\frac{3}{12}$ years old