

Lesson 6.6

Name _____

Add and Subtract Mixed Numbers

COMMON CORE STANDARD CC.5.NF.1

Use equivalent fractions as a strategy to add and subtract fractions.

Find the sum or difference. Write your answer in simplest form.

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

$$\begin{array}{r} 3\frac{1}{2} \rightarrow 3\frac{5}{10} \\ -1\frac{1}{5} \rightarrow -1\frac{2}{10} \\ \hline 2\frac{3}{10} \end{array}$$

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

3. $4\frac{1}{8} + 2\frac{1}{3}$

4. $5\frac{1}{3} + 6\frac{1}{6}$

5. $2\frac{1}{4} + 1\frac{2}{5}$

6. $5\frac{17}{18} - 2\frac{2}{3}$

7. $6\frac{3}{4} - 1\frac{5}{8}$

8. $5\frac{3}{7} - 2\frac{1}{5}$

9. $4\frac{1}{8} + 2\frac{5}{12}$

10. $6\frac{6}{7} - 2\frac{3}{4}$

11. $5\frac{5}{6} - 2\frac{3}{4}$

12. $2\frac{6}{25} - 1\frac{1}{10}$

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Problem Solving

13. Jacobi bought $7\frac{1}{2}$ pounds of meatballs. He decided to cook $1\frac{1}{4}$ pounds and freeze the rest. How many pounds did he freeze?

14. Jill walked $8\frac{1}{8}$ miles to a park and then $7\frac{2}{5}$ miles home. How many miles did she walk in all?

Lesson Check (CC.5.NF.1)

- Ming has a goal to jog $4\frac{1}{2}$ miles each day. On Monday she jogged $5\frac{9}{16}$ miles. By how much did she exceed her goal for that day?
 - $1\frac{1}{16}$ miles
 - $1\frac{7}{16}$ miles
 - $1\frac{8}{16}$ miles
 - $1\frac{8}{14}$ miles
- At the deli, Ricardo ordered $3\frac{1}{5}$ pounds of cheddar cheese and $2\frac{3}{4}$ pounds of mozzarella cheese. How many pounds of cheese did he order?
 - $5\frac{19}{20}$ pounds
 - $5\frac{17}{20}$ pounds
 - $5\frac{4}{9}$ pounds
 - $5\frac{4}{20}$ pounds

Spiral Review (CC.5.NBT.3a, CC.5.NBT.2, CC.5.NBT.6, CC.5.NBT.7)

- The theater has 175 seats. There are 7 seats in each row. How many rows are there? (Lesson 2.2)
 - 15
 - 17
 - 25
 - 30
- Over the first 14 days, 2,755 people visited a new store. About how many people visited the store each day? (Lesson 2.5)
 - about 100
 - about 150
 - about 200
 - about 700
- Which number is 100 times as great as 0.3? (Lesson 3.2)
 - 300
 - 30
 - 3
 - 0.003
- Mark said that the product of 0.02 and 0.7 is 14. Mark is wrong. Which product is correct? (Lesson 4.8)
 - 0.014
 - 0.14
 - 1.4
 - 14.0