

3.15

Subtracting Fractions with the Same Denominator

• Example 1

$$(a) \frac{4}{5} - \frac{2}{5} = \frac{4-2}{5} = \frac{2}{5}$$

Always write the result in lowest terms.

$$(b) \frac{5}{8} - \frac{3}{8} = \frac{5-3}{8} = \frac{2}{8} = \frac{1}{4}$$

• • • CHECK YOURSELF 1

$$\frac{11}{12} - \frac{5}{12}$$

• • • CHECK YOURSELF ANSWER

$$1. \frac{11}{12} - \frac{5}{12} = \frac{6}{12} = \frac{1}{2}$$

3.15 Exercises

Name _____

Section _____

Date _____

A N S W E R S

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

Subtract.

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

2. $\frac{5}{7} - \frac{2}{7}$

3. $\frac{7}{9} - \frac{4}{9}$

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

5. $\frac{13}{20} - \frac{3}{20}$

6. $\frac{19}{30} - \frac{17}{30}$

7. $\frac{19}{24} - \frac{5}{24}$

8. $\frac{25}{36} - \frac{13}{36}$

9. $\frac{8}{9} - \frac{3}{9}$

10. $\frac{9}{10} - \frac{6}{10}$

11. $\frac{5}{8} - \frac{1}{8}$

12. $\frac{11}{12} - \frac{7}{12}$