

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Same-denominator Fraction Subtraction

Subtract the numerators while keeping the shared denominator.

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

2. $\frac{2}{8} - \frac{1}{8}$

3. $\frac{3}{12} - \frac{2}{12}$

4. $\frac{5}{6} - \frac{1}{6}$

5. $\frac{2}{6} - \frac{1}{6}$

6. $\frac{10}{11} - \frac{8}{11}$

7. $\frac{4}{8} - \frac{1}{8}$

8. $\frac{3}{3} - \frac{2}{3}$

9. $\frac{5}{11} - \frac{3}{11}$

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

Same-denominator Fraction Subtraction - Answer key

Subtract the numerators while keeping the shared denominator.

1.

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

Use common denominator 7: $3/7 = 3/7$; $2/7 = 2/7$.
 $(3 - 2) / 7 = 1/7$
 Already in lowest terms: $1/7$.

2.

$$\frac{2}{8} - \frac{1}{8} = \frac{1}{8}$$

Use common denominator 8: $2/8 = 2/8$; $1/8 = 1/8$.
 $(2 - 1) / 8 = 1/8$
 Already in lowest terms: $1/8$.

3.

$$\frac{3}{12} - \frac{2}{12} = \frac{1}{12}$$

Use common denominator 12: $3/12 = 3/12$; $2/12 = 2/12$.
 $(3 - 2) / 12 = 1/12$
 Already in lowest terms: $1/12$.

4.

$$\frac{5}{6} - \frac{1}{6} = \frac{2}{3}$$

Use common denominator 6: $5/6 = 5/6$; $1/6 = 1/6$.
 $(5 - 1) / 6 = 4/6$
 Divide both parts by 2: $4/6 = 2/3$.

5.

$$\frac{2}{6} - \frac{1}{6} = \frac{1}{6}$$

Use common denominator 6: $2/6 = 2/6$; $1/6 = 1/6$.
 $(2 - 1) / 6 = 1/6$
 Already in lowest terms: $1/6$.

6.

$$\frac{10}{11} - \frac{8}{11} = \frac{2}{11}$$

Use common denominator 11: $10/11 = 10/11$; $8/11 = 8/11$.
 $(10 - 8) / 11 = 2/11$
 Already in lowest terms: $2/11$.

7.

$$\frac{4}{8} - \frac{1}{8} = \frac{3}{8}$$

Use common denominator 8: $4/8 = 4/8$; $1/8 = 1/8$.
 $(4 - 1) / 8 = 3/8$
 Already in lowest terms: $3/8$.

8.

$$\frac{3}{3} - \frac{2}{3} = \frac{1}{3}$$

Use common denominator 3: $3/3 = 3/3$; $2/3 = 2/3$.
 $(3 - 2) / 3 = 1/3$
 Already in lowest terms: $1/3$.

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Same-denominator Fraction Subtraction - Answer key

Subtract the numerators while keeping the shared denominator.

9.

$$\begin{array}{r} \frac{5}{11} \\ - \frac{3}{11} \\ \hline \end{array}$$
$$= \frac{2}{11}$$

Use common denominator 11: $5/11 = 5/11$; $3/11 = 3/11$.

$(5 - 3) / 11 = 2/11$

Already in lowest terms: $2/11$.

10.

$$\begin{array}{r} \frac{2}{4} \\ - \frac{1}{4} \\ \hline \end{array}$$
$$= \frac{1}{4}$$

Use common denominator 4: $2/4 = 2/4$; $1/4 = 1/4$.

$(2 - 1) / 4 = 1/4$

Already in lowest terms: $1/4$.