

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Subtracting Fractions

Find a common denominator, subtract, and simplify.

1. $\frac{6}{10} - \frac{1}{4}$

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

3. $\frac{2}{3} - \frac{2}{4}$

4. $\frac{9}{10} - \frac{2}{4}$

5. $\frac{8}{10} - \frac{1}{4}$

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

7. $\frac{3}{4} - \frac{1}{2}$

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

9. $\frac{2}{4} - \frac{2}{5}$

10. $\frac{1}{2} - \frac{3}{10}$

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Subtracting Fractions - Answer key

Find a common denominator, subtract, and simplify.

1.

$$\frac{6}{10} - \frac{1}{4}$$
$$= \frac{7}{20}$$

Use common denominator 20: $6/10 = 12/20$; $1/4 = 5/20$.
 $(12 - 5) / 20 = 7/20$
Already in lowest terms: $7/20$.

2.

$$\frac{6}{10} - \frac{1}{2}$$
$$= \frac{1}{10}$$

Use common denominator 10: $6/10 = 6/10$; $1/2 = 5/10$.
 $(6 - 5) / 10 = 1/10$
Already in lowest terms: $1/10$.

3.

$$\frac{2}{3} - \frac{2}{4}$$
$$= \frac{1}{6}$$

Use common denominator 12: $2/3 = 8/12$; $2/4 = 6/12$.
 $(8 - 6) / 12 = 2/12$
Divide both parts by 2: $2/12 = 1/6$.

4.

$$\frac{9}{10} - \frac{2}{4}$$
$$= \frac{2}{5}$$

Use common denominator 20: $9/10 = 18/20$; $2/4 = 10/20$.
 $(18 - 10) / 20 = 8/20$
Divide both parts by 4: $8/20 = 2/5$.

5.

$$\frac{8}{10} - \frac{1}{4}$$
$$= \frac{11}{20}$$

Use common denominator 20: $8/10 = 16/20$; $1/4 = 5/20$.
 $(16 - 5) / 20 = 11/20$
Already in lowest terms: $11/20$.

6.

$$\frac{1}{2} - \frac{1}{4}$$
$$= \frac{1}{4}$$

Use common denominator 4: $1/2 = 2/4$; $1/4 = 1/4$.
 $(2 - 1) / 4 = 1/4$
Already in lowest terms: $1/4$.

7.

$$\frac{3}{4} - \frac{1}{2}$$
$$= \frac{1}{4}$$

Use common denominator 4: $3/4 = 3/4$; $1/2 = 2/4$.
 $(3 - 2) / 4 = 1/4$
Already in lowest terms: $1/4$.

8.

$$\frac{2}{4} - \frac{1}{10}$$
$$= \frac{2}{5}$$

Use common denominator 20: $2/4 = 10/20$; $1/10 = 2/20$.
 $(10 - 2) / 20 = 8/20$
Divide both parts by 4: $8/20 = 2/5$.

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Subtracting Fractions - Answer key

Find a common denominator, subtract, and simplify.

9.

$$\frac{2}{4} - \frac{2}{5} = \frac{1}{10}$$

Use common denominator 20: $\frac{2}{4} = \frac{10}{20}$; $\frac{2}{5} = \frac{8}{20}$.

$(10 - 8) / 20 = \frac{2}{20}$

Divide both parts by 2: $\frac{2}{20} = \frac{1}{10}$.

10.

$$\frac{1}{2} - \frac{3}{10} = \frac{1}{5}$$

Use common denominator 10: $\frac{1}{2} = \frac{5}{10}$; $\frac{3}{10} = \frac{3}{10}$.

$(5 - 3) / 10 = \frac{2}{10}$

Divide both parts by 2: $\frac{2}{10} = \frac{1}{5}$.