

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Adding Fractions

Find a common denominator, add, and simplify.

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

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

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

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

5. $\frac{7}{10} + \frac{1}{3}$

6. $\frac{7}{10} + \frac{3}{4}$

7. $\frac{7}{10} + \frac{2}{4}$

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

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

10. $\frac{3}{5} + \frac{9}{10}$

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Adding Fractions - Answer key

Find a common denominator, add, and simplify.

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

$$= 1$$

Use common denominator 2: $1/2 = 1/2$; $1/2 = 1/2$.
 $(1 + 1) / 2 = 2/2$
Divide both parts by 2: $2/2 = 1$.

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

$$= 1$$

Use common denominator 4: $1/2 = 2/4$; $2/4 = 2/4$.
 $(2 + 2) / 4 = 4/4$
Divide both parts by 4: $4/4 = 1$.

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

$$= \frac{11}{10}$$

Use common denominator 10: $1/2 = 5/10$; $3/5 = 6/10$.
 $(5 + 6) / 10 = 11/10$
Already in lowest terms: $11/10$.

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

$$= \frac{7}{6}$$

Use common denominator 12: $2/4 = 6/12$; $2/3 = 8/12$.
 $(6 + 8) / 12 = 14/12$
Divide both parts by 2: $14/12 = 7/6$.

5.
$$\frac{7}{10} + \frac{1}{3}$$

$$= \frac{31}{30}$$

Use common denominator 30: $7/10 = 21/30$; $1/3 = 10/30$.
 $(21 + 10) / 30 = 31/30$
Already in lowest terms: $31/30$.

6.
$$\frac{7}{10} + \frac{3}{4}$$

$$= \frac{29}{20}$$

Use common denominator 20: $7/10 = 14/20$; $3/4 = 15/20$.
 $(14 + 15) / 20 = 29/20$
Already in lowest terms: $29/20$.

7.
$$\frac{7}{10} + \frac{2}{4}$$

$$= \frac{6}{5}$$

Use common denominator 20: $7/10 = 14/20$; $2/4 = 10/20$.
 $(14 + 10) / 20 = 24/20$
Divide both parts by 4: $24/20 = 6/5$.

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

$$= \frac{3}{5}$$

Use common denominator 20: $2/4 = 10/20$; $1/10 = 2/20$.
 $(10 + 2) / 20 = 12/20$
Divide both parts by 4: $12/20 = 3/5$.

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Adding Fractions - Answer key

Find a common denominator, add, and simplify.

9.

$$\frac{4}{5} + \frac{1}{2}$$
$$= \frac{13}{10}$$

Use common denominator 10: $4/5 = 8/10$; $1/2 = 5/10$.

$(8 + 5) / 10 = 13/10$

Already in lowest terms: $13/10$.

10.

$$\frac{3}{5} + \frac{9}{10}$$
$$= \frac{3}{2}$$

Use common denominator 10: $3/5 = 6/10$; $9/10 = 9/10$.

$(6 + 9) / 10 = 15/10$

Divide both parts by 5: $15/10 = 3/2$.