

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Adding Three Fractions

Use a common denominator to add all three fractions.

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

2. $\frac{4}{5} + \frac{1}{5} + \frac{4}{10}$

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

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

5. $\frac{3}{10} + \frac{6}{10} + \frac{5}{10}$

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

7. $\frac{1}{2} + \frac{2}{10} + \frac{3}{4}$

8. $\frac{1}{3} + \frac{1}{10} + \frac{1}{3}$

9. $\frac{3}{4} + \frac{1}{2} + \frac{3}{5}$

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

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Adding Three Fractions - Answer key

Use a common denominator to add all three fractions.

1.

$$\frac{2}{10} + \frac{3}{10} + \frac{1}{2}$$
$$= 1$$

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

2.

$$\frac{4}{5} + \frac{1}{5} + \frac{4}{10}$$
$$= \frac{7}{5}$$

Use common denominator 10: $4/5 = 8/10$; $1/5 = 2/10$; $4/10 = 4/10$.
 $(8 + 2 + 4) / 10 = 14/10$
Divide both parts by 2: $14/10 = 7/5$.

3.

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

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

4.

$$\frac{1}{5} + \frac{1}{3} + \frac{3}{4}$$
$$= \frac{77}{60}$$

Use common denominator 60: $1/5 = 12/60$; $1/3 = 20/60$; $3/4 = 45/60$.
 $(12 + 20 + 45) / 60 = 77/60$
Already in lowest terms: $77/60$.

5.

$$\frac{3}{10} + \frac{6}{10} + \frac{5}{10}$$
$$= \frac{7}{5}$$

Use common denominator 10: $3/10 = 3/10$; $6/10 = 6/10$; $5/10 = 5/10$.
 $(3 + 6 + 5) / 10 = 14/10$
Divide both parts by 2: $14/10 = 7/5$.

6.

$$\frac{2}{3} + \frac{1}{4} + \frac{2}{4}$$
$$= \frac{17}{12}$$

Use common denominator 12: $2/3 = 8/12$; $1/4 = 3/12$; $2/4 = 6/12$.
 $(8 + 3 + 6) / 12 = 17/12$
Already in lowest terms: $17/12$.

7.

$$\frac{1}{2} + \frac{2}{10} + \frac{3}{4}$$
$$= \frac{29}{20}$$

Use common denominator 20: $1/2 = 10/20$; $2/10 = 4/20$; $3/4 = 15/20$.
 $(10 + 4 + 15) / 20 = 29/20$
Already in lowest terms: $29/20$.

8.

$$\frac{1}{3} + \frac{1}{10} + \frac{1}{3}$$
$$= \frac{23}{30}$$

Use common denominator 30: $1/3 = 10/30$; $1/10 = 3/30$; $1/3 = 10/30$.
 $(10 + 3 + 10) / 30 = 23/30$
Already in lowest terms: $23/30$.

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Adding Three Fractions - Answer key

Use a common denominator to add all three fractions.

9.

$$\frac{3}{4} + \frac{1}{2} + \frac{3}{5}$$
$$= \frac{37}{20}$$

Use common denominator 20: $\frac{3}{4} = \frac{15}{20}$; $\frac{1}{2} = \frac{10}{20}$; $\frac{3}{5} = \frac{12}{20}$.

$(15 + 10 + 12) / 20 = 37/20$

Already in lowest terms: $37/20$.

10.

$$\frac{1}{5} + \frac{3}{4} + \frac{3}{5}$$
$$= \frac{31}{20}$$

Use common denominator 20: $\frac{1}{5} = \frac{4}{20}$; $\frac{3}{4} = \frac{15}{20}$; $\frac{3}{5} = \frac{12}{20}$.

$(4 + 15 + 12) / 20 = 31/20$

Already in lowest terms: $31/20$.