

Math Sheet

Name _____

Score _____ / 10

Teacher _____

Date _____

Adding Fractional Inches

Add whole and fractional inch measurements.

1.

$$2 \frac{1}{4} + 1 \frac{1}{2} = \underline{\hspace{2cm}}$$

2.

$$2 \frac{3}{4} + 11 \frac{2}{8} = \underline{\hspace{2cm}}$$

3.

$$11 \frac{11}{16} + 8 \frac{1}{2} = \underline{\hspace{2cm}}$$

4.

$$7 \frac{8}{16} + 11 \frac{3}{16} = \underline{\hspace{2cm}}$$

5.

$$3 \frac{3}{8} + 1 \frac{1}{2} = \underline{\hspace{2cm}}$$

6.

$$5 \frac{1}{2} + 1 \frac{7}{8} = \underline{\hspace{2cm}}$$

7.

$$5 \frac{1}{2} + 4 \frac{6}{8} = \underline{\hspace{2cm}}$$

8.

$$10 \frac{4}{8} + 5 \frac{3}{4} = \underline{\hspace{2cm}}$$

9.

$$7 \frac{14}{16} + 7 \frac{1}{2} = \underline{\hspace{2cm}}$$

10.

$$9 \frac{1}{4} + 2 \frac{1}{2} = \underline{\hspace{2cm}}$$

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Adding Fractional Inches - Answer key

Add whole and fractional inch measurements.

1.

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

Use common denominator 4: $9/4 = 9/4$; $3/2 = 6/4$.
 $(9 + 6) / 4 = 15/4$
Already in lowest terms: $15/4$.

2.

$$2 \frac{3}{4} + 11 \frac{2}{8} = 14$$

Use common denominator 8: $11/4 = 22/8$; $90/8 = 90/8$.
 $(22 + 90) / 8 = 112/8$
Divide both parts by 8: $112/8 = 14$.

3.

$$11 \frac{11}{16} + 8 \frac{1}{2} = 20 \frac{3}{16}$$

Use common denominator 16: $187/16 = 187/16$; $17/2 = 136/16$.
 $(187 + 136) / 16 = 323/16$
Already in lowest terms: $323/16$.

4.

$$7 \frac{8}{16} + 11 \frac{3}{16} = 18 \frac{11}{16}$$

Use common denominator 16: $120/16 = 120/16$; $179/16 = 179/16$.
 $(120 + 179) / 16 = 299/16$
Already in lowest terms: $299/16$.

5.

$$3 \frac{3}{8} + 1 \frac{1}{2} = 4 \frac{7}{8}$$

Use common denominator 8: $27/8 = 27/8$; $3/2 = 12/8$.
 $(27 + 12) / 8 = 39/8$
Already in lowest terms: $39/8$.

6.

$$5 \frac{1}{2} + 1 \frac{7}{8} = 7 \frac{3}{8}$$

Use common denominator 8: $11/2 = 44/8$; $15/8 = 15/8$.
 $(44 + 15) / 8 = 59/8$
Already in lowest terms: $59/8$.

7.

$$5 \frac{1}{2} + 4 \frac{6}{8} = 10 \frac{1}{4}$$

Use common denominator 8: $11/2 = 44/8$; $38/8 = 38/8$.
 $(44 + 38) / 8 = 82/8$
Divide both parts by 2: $82/8 = 41/4$.

8.

$$10 \frac{4}{8} + 5 \frac{3}{4} = 16 \frac{1}{4}$$

Use common denominator 8: $84/8 = 84/8$; $23/4 = 46/8$.
 $(84 + 46) / 8 = 130/8$
Divide both parts by 2: $130/8 = 65/4$.

9.

$$7 \frac{14}{16} + 7 \frac{1}{2} = 15 \frac{3}{8}$$

Use common denominator 16: $126/16 = 126/16$; $15/2 = 120/16$.
 $(126 + 120) / 16 = 246/16$
Divide both parts by 2: $246/16 = 123/8$.

10.

$$9 \frac{1}{4} + 2 \frac{1}{2} = 11 \frac{3}{4}$$

Use common denominator 4: $37/4 = 37/4$; $5/2 = 10/4$.
 $(37 + 10) / 4 = 47/4$
Already in lowest terms: $47/4$.