

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Subtracting Fractional Inches

Subtract whole and fractional inch measurements.

1.
 $9\frac{1}{2} - 9\frac{2}{4} =$

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

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

4.
 $8\frac{2}{8} - 1\frac{10}{16} =$

5.
 $8\frac{12}{16} - 7\frac{2}{16} =$

6.
 $11\frac{1}{4} - 5\frac{1}{2} =$

7.
 $10\frac{1}{2} - 1\frac{1}{2} =$

8.
 $7\frac{1}{4} - 5\frac{1}{2} =$

9.
 $3\frac{8}{16} - 2\frac{2}{4} =$

10.
 $11\frac{1}{2} - 8\frac{12}{16} =$

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Subtracting Fractional Inches - Answer key

Subtract whole and fractional inch measurements.

1.

$$9 \frac{1}{2} - 9 \frac{2}{4} = 0$$

Use common denominator 4: $19/2 = 38/4$; $38/4 = 38/4$.
 $(38 - 38) / 4 = 0/4$
Divide both parts by 4: $0/4 = 0$.

2.

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

Use common denominator 4: $18/4 = 18/4$; $5/4 = 5/4$.
 $(18 - 5) / 4 = 13/4$
Already in lowest terms: $13/4$.

3.

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

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

4.

$$8 \frac{2}{8} - 1 \frac{10}{16} = 6 \frac{5}{8}$$

Use common denominator 16: $66/8 = 132/16$; $26/16 = 26/16$.
 $(132 - 26) / 16 = 106/16$
Divide both parts by 2: $106/16 = 53/8$.

5.

$$8 \frac{12}{16} - 7 \frac{2}{16} = 1 \frac{5}{8}$$

Use common denominator 16: $140/16 = 140/16$; $114/16 = 114/16$.
 $(140 - 114) / 16 = 26/16$
Divide both parts by 2: $26/16 = 13/8$.

6.

$$11 \frac{1}{4} - 5 \frac{1}{2} = 5 \frac{3}{4}$$

Use common denominator 4: $45/4 = 45/4$; $11/2 = 22/4$.
 $(45 - 22) / 4 = 23/4$
Already in lowest terms: $23/4$.

7.

$$10 \frac{1}{2} - 1 \frac{1}{2} = 9$$

Use common denominator 2: $21/2 = 21/2$; $3/2 = 3/2$.
 $(21 - 3) / 2 = 18/2$
Divide both parts by 2: $18/2 = 9$.

8.

$$7 \frac{1}{4} - 5 \frac{1}{2} = 1 \frac{3}{4}$$

Use common denominator 4: $29/4 = 29/4$; $11/2 = 22/4$.
 $(29 - 22) / 4 = 7/4$
Already in lowest terms: $7/4$.

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Subtracting Fractional Inches - Answer key

Subtract whole and fractional inch measurements.

9.

$$3 \frac{8}{16} - 2 \frac{2}{4} = 1$$

Use common denominator 16: $56/16 = 56/16$; $10/4 = 40/16$.

$(56 - 40) / 16 = 16/16$

Divide both parts by 16: $16/16 = 1$.

10.

$$11 \frac{1}{2} - 8 \frac{12}{16} = 2 \frac{3}{4}$$

Use common denominator 16: $23/2 = 184/16$; $140/16 = 140/16$.

$(184 - 140) / 16 = 44/16$

Divide both parts by 4: $44/16 = 11/4$.