

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Subtracting Mixed Numbers Word Problems

Read each story carefully. Use the relevant facts to find the requested quantity.

1. One pitcher contains $5 \frac{1}{8}$ liters and another contains $2 \frac{6}{9}$ liters. What is the positive difference?

2. Two trail sections measure $4 \frac{6}{7}$ meters and $2 \frac{5}{7}$ meters. What is the positive difference?

3. Two packages weigh $5 \frac{2}{8}$ kilograms and $1 \frac{1}{7}$ kilograms. What is the positive difference?

4. Two work periods last $5 \frac{1}{3}$ hours and $3 \frac{1}{3}$ hours. What is the positive difference?

5. One pitcher contains $4 \frac{9}{12}$ liters and another contains $3 \frac{9}{13}$ liters. What is the positive difference?

6. Two trail sections measure $5 \frac{6}{11}$ meters and $2 \frac{3}{11}$ meters. What is the positive difference?

7. Two packages weigh $1 \frac{7}{11}$ kilograms and $1 \frac{3}{12}$ kilograms. What is the positive difference?

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Read each story carefully. Use the relevant facts to find the requested quantity.

8. Two work periods last $5\frac{6}{8}$ hours and $3\frac{6}{8}$ hours. What is the positive difference?

9. One pitcher contains $3\frac{2}{12}$ liters and another contains $2\frac{7}{11}$ liters. What is the positive difference?

10. Two trail sections measure $5\frac{6}{9}$ meters and $2\frac{4}{9}$ meters. What is the positive difference?

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Answer key

Read each story carefully. Use the relevant facts to find the requested quantity.

1. One pitcher contains $5\frac{1}{8}$ liters and another contains $2\frac{6}{9}$ liters. What is the positive difference?

2 $\frac{11}{24}$ liters

$5\frac{1}{8} - 2\frac{6}{9}$

2. Two trail sections measure $4\frac{6}{7}$ meters and $2\frac{5}{7}$ meters. What is the positive difference?

2 $\frac{1}{7}$ meters

$4\frac{6}{7} - 2\frac{5}{7}$

3. Two packages weigh $5\frac{2}{8}$ kilograms and $1\frac{1}{7}$ kilograms. What is the positive difference?

4 $\frac{3}{28}$ kilograms

$5\frac{2}{8} - 1\frac{1}{7}$

4. Two work periods last $5\frac{1}{3}$ hours and $3\frac{1}{3}$ hours. What is the positive difference?

2 hours

$5\frac{1}{3} - 3\frac{1}{3}$

5. One pitcher contains $4\frac{9}{12}$ liters and another contains $3\frac{9}{13}$ liters. What is the positive difference?

1 $\frac{3}{52}$ liters

$4\frac{9}{12} - 3\frac{9}{13}$

6. Two trail sections measure $5\frac{6}{11}$ meters and $2\frac{3}{11}$ meters. What is the positive difference?

3 $\frac{3}{11}$ meters

$5\frac{6}{11} - 2\frac{3}{11}$

7. Two packages weigh $1\frac{7}{11}$ kilograms and $1\frac{3}{12}$ kilograms. What is the positive difference?

$\frac{17}{44}$ kilograms

$1\frac{7}{11} - 1\frac{3}{12}$

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Answer key

Read each story carefully. Use the relevant facts to find the requested quantity.

8. Two work periods last $5\frac{6}{8}$ hours and $3\frac{6}{8}$ hours. What is the positive difference?

2 hours

$$5\frac{6}{8} - 3\frac{6}{8}$$

9. One pitcher contains $3\frac{2}{12}$ liters and another contains $2\frac{7}{11}$ liters. What is the positive difference?

$\frac{35}{66}$ liters

$$3\frac{2}{12} - 2\frac{7}{11}$$

10. Two trail sections measure $5\frac{6}{9}$ meters and $2\frac{4}{9}$ meters. What is the positive difference?

$3\frac{2}{9}$ meters

$$5\frac{6}{9} - 2\frac{4}{9}$$