

Name : \_\_\_\_\_

## Adding Like Fractions

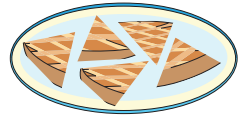
Sheet 1

- 1) Detroit receives  $\frac{8}{5}$  inches of snowfall on Christmas morning. It receives  $\frac{3}{5}$  inches of snowfall by evening. How many inches of snowfall in all did Detroit receive on Christmas Day?



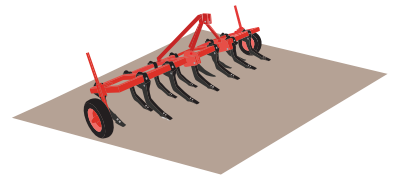
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- 2) Mrs. Warner bakes an apple pie. The boys in the house ate  $\frac{1}{8}$  of it and the girls indulged in  $\frac{3}{8}$  of the apple pie. What fraction of the pie did the boys and girls consume altogether?



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- 3) A farmer and his workmen plow  $\frac{5}{2}$  acres of land on Saturday and  $\frac{3}{2}$  acres on Sunday. How many acres of land did the farmer and his workmen plow in all?



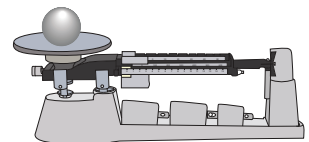
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- 4) Shirley blends  $\frac{5}{6}$  th of a cup of orange juice and  $\frac{13}{6}$  th cups of carrot juice to prepare a mocktail. How many cups of mocktail did Shirley prepare altogether?



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- 5) Mr. Jenkins conducts an experiment in the lab using two spherical metal balls. The steel ball weighs  $\frac{11}{9}$  pounds and the iron balls weigh  $\frac{16}{9}$  pounds. What is the total weight of the two spherical metal balls?



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Name : \_\_\_\_\_

## Answer Key

Sheet 1

### Adding Like Fractions

- 1) Detroit receives  $\frac{8}{5}$  inches of snowfall on Christmas morning. It receives  $\frac{3}{5}$  inches of snowfall by evening. How many inches of snowfall in all did Detroit receive on Christmas Day?

**$2\frac{1}{5}$  inches of snow**

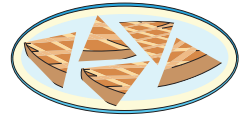
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- 2) Mrs. Warner bakes an apple pie. The boys in the house ate  $\frac{1}{8}$  of it and the girls indulged in  $\frac{3}{8}$  of the apple pie. What fraction of the pie did the boys and girls consume altogether?

**$\frac{1}{2}$  the apple pie**

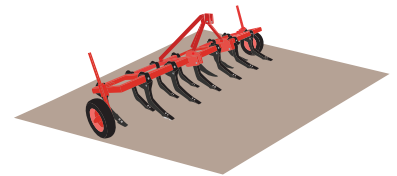
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- 3) A farmer and his workmen plow  $\frac{5}{2}$  acres of land on Saturday and  $\frac{3}{2}$  acres on Sunday. How many acres of land did the farmer and his workmen plow in all?

**4 acres of land**

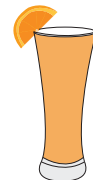
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- 4) Shirley blends  $\frac{5}{6}$  th of a cup of orange juice and  $\frac{13}{6}$  th cups of carrot juice to prepare a mocktail. How many cups of mocktail did Shirley prepare altogether?

**3 cups of mocktail**

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- 5) Mr. Jenkins conducts an experiment in the lab using two spherical metal balls. The steel ball weighs  $\frac{11}{9}$  pounds and the iron balls weigh  $\frac{16}{9}$  pounds. What is the total weight of the two spherical metal balls?

**3 pounds**

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