Combining Amounts (with Fractions)

Name:

Use the tables to answer each question.

1) The table below shows how many milliliters of ink were in pens. What is the combined capacity of all the pens?

Pen	Capacity (in milliliters)
Pen 1	$1\frac{2}{4}$
Pen 2	$2\frac{1}{2}$
Pen 3	$4\frac{4}{5}$
Pen 4	$6\frac{2}{8}$

2) The table below shows the weight of several bags. What is the combined weight of all the bags?

Bag	Weight (in kilograms)
Bag 1	$2\frac{5}{6}$
Bag 2	$5\frac{3}{4}$
Bag 3	$1\frac{5}{6}$
Bag 4	$2\frac{1}{5}$

3) The table below shows the length of several roads. What is the combined length of all the roads?

Road	Distance (in miles)
Road 1	$5\frac{6}{8}$
Road 2	$2\frac{1}{4}$
Road 3	$4\frac{3}{4}$
Road 4	$8\frac{3}{6}$

4) The table below shows the capacity of several water coolers. What is the combined capacity of all the coolers?

Cooler	Capacity (in gallons)
Cooler 1	$8\frac{1}{2}$
Cooler 2	$5\frac{2}{3}$
Cooler 3	$9\frac{1}{3}$
Cooler 4	$1\frac{1}{3}$

5) The table below shows the height of several boxes. What is the combined height of all the boxes?

Box	Height (in inches)
Box 1	$6\frac{1}{2}$
Box 2	$6\frac{2}{3}$
Box 3	$8\frac{3}{6}$
Box 4	$3\frac{1}{2}$

6) The table below shows how much water several containers will hold. What is the combined capacity of all the containers?

Container	Capacity (in cups)
Container 1	$5\frac{1}{6}$
Container 2	$5\frac{1}{2}$
Container 3	$5\frac{2}{3}$
Container 4	$3\frac{3}{6}$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Combining Amounts (with Fractions) Name: **Answer Key**

Use the tables to answer each question.

1) The table below shows how many milliliters of ink were in pens. What is the combined capacity of all the pens?

Pen	Capacity (in milliliters)	
Pen 1	$1\ ^{2}/_{4}$	$1\ ^{20}/_{40}$
Pen 2	$2\ ^{1}/_{2}$	$2\ ^{20}/_{40}$
Pen 3	$4\ ^{4}/_{5}$	$4\ ^{32}/_{40}$
Pen 4	$6\ ^{2}/_{8}$	$6\ ^{10}/_{40}$

2) The table below shows the weight of several bags. What is the combined weight of all the bags?

Bag	Weight (in kilograms)	
Bag 1	$2\ ^{5}/_{6}$	$2\ ^{50}/_{60}$
Bag 2	$5\ ^{3}/_{4}$	$5\ ^{45}/_{60}$
Bag 3	$1\ ^{5}/_{6}$	$1\ ^{50}/_{60}$
Bag 4	$2\ ^{1}/_{5}$	$2\ ^{12}/_{60}$

3) The table below shows the length of several roads. What is the combined length of all the roads?

Road	Distance (in miles)	
Road 1	$5\ ^{6}/_{8}$	$5\ ^{18}/_{24}$
Road 2	$2\ ^{1}/_{4}$	$2\ ^{6}/_{24}$
Road 3	$4\ ^{3}/_{4}$	$4\ ^{18}/_{24}$
Road 4	$8\ ^{3}/_{6}$	$8\ ^{12}/_{24}$

4) The table below shows the capacity of several water coolers. What is the combined capacity of all the coolers?

Cooler	Capacity (in gallons)	
Cooler 1	$8\ ^{1}/_{2}$	$8\ ^{3}/_{6}$
Cooler 2	$5\ ^{2}/_{3}$	$5\ ^{4}/_{6}$
Cooler 3	$9\ ^{1}/_{3}$	$9\ ^{2}/_{6}$
Cooler 4	$1\ ^{1}/_{3}$	$1\ ^{2}/_{6}$

5) The table below shows the height of several boxes. What is the combined height of all the boxes?

Box	Height (in inches)	
Box 1	$6\ ^{1}/_{2}$	$6\ ^{3}/_{6}$
Box 2	$6\ ^{2}/_{3}$	$6\ ^{4}/_{6}$
Box 3	$8\ ^{3}/_{6}$	$8\ ^{3}/_{6}$
Box 4	$3\ ^{1}/_{2}$	$3\ ^{3}/_{6}$

6) The table below shows how much water several containers will hold. What is the combined capacity of all the containers?

Container	Capacity (in cups)	
Container 1	$5\ ^{1}/_{6}$	$5\ ^{1}/_{6}$
Container 2	$5\ ^{1}/_{2}$	$5\ ^{3}/_{6}$
Container 3	$5\ ^{2}/_{3}$	$5\ ^{4}/_{6}$
Container 4	$3\ ^{3}/_{6}$	$3\ ^{3}/_{6}$

Answers

1. $15\ ^{2}/_{40}$
2. $12\ ^{37}/_{60}$
3. $21\ ^{6}/_{24}$
4. $24\ ^{5}/_{6}$
5. $25\ ^{1}/_{6}$
6. $19\ ^{5}/_{6}$