Combining Amounts (with Fractions)

Name:

Use the tables to answer each question.

1) 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	$9\frac{3}{6}$
Container 2	$7\frac{4}{5}$
Container 3	$5\frac{2}{3}$
Container 4	$2\frac{2}{5}$

2) 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	$6\frac{2}{6}$
Pen 2	$5\frac{2}{6}$
Pen 3	$1\frac{1}{4}$
Pen 4	$7\frac{6}{8}$

3) The table below shows the weight of several books. What is the combined weight of all the books?

Book	Weight (in ounces)
Book 1	$8\frac{3}{8}$
Book 2	$9\frac{3}{5}$
Book 3	$5\frac{2}{5}$
Book 4	$6\frac{1}{3}$

4) The table below shows the weight of several phones. What is the combined weight of all the phones?

Phone	Weight (in ounces)
Phone 1	$5\frac{4}{5}$
Phone 2	$4\frac{7}{8}$
Phone 3	$6\frac{4}{5}$
Phone 4	$7\frac{3}{4}$

5) The table below shows the length of several pieces of string. What is the combined length of all the strings?

String	Length (in Inches)
String 1	$9\frac{2}{4}$
String 2	$9\frac{3}{6}$
String 3	$5\frac{1}{2}$
String 4	$4\frac{1}{2}$

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

Road	Distance (in miles)
Road 1	$8\frac{1}{4}$
Road 2	$8\frac{3}{6}$
Road 3	$3\frac{4}{5}$
Road 4	$9\frac{3}{4}$

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 much water several containers will hold. What is the combined capacity of all the containers?

Container	Capacity (in cups)	
Container 1	$9\ ^{3}/_{6}$	$9\ ^{15}/_{30}$
Container 2	$7\ ^{4}/_{5}$	$7\ ^{24}/_{30}$
Container 3	$5\ ^{2}/_{3}$	$5\ ^{20}/_{30}$
Container 4	$2\ ^{2}/_{5}$	$2\ ^{12}/_{30}$

2) 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	$6\ ^{2}/_{6}$	$6\ ^{8}/_{24}$
Pen 2	$5\ ^{2}/_{6}$	$5\ ^{8}/_{24}$
Pen 3	$1\ ^{1}/_{4}$	$1\ ^{6}/_{24}$
Pen 4	$7\ ^{6}/_{8}$	$7\ ^{18}/_{24}$

3) The table below shows the weight of several books. What is the combined weight of all the books?

Book	Weight (in ounces)	
Book 1	$8\ ^{3}/_{8}$	$8\ ^{45}/_{120}$
Book 2	$9\ ^{3}/_{5}$	$9\ ^{72}/_{120}$
Book 3	$5\ ^{2}/_{5}$	$5\ ^{48}/_{120}$
Book 4	$6\ ^{1}/_{3}$	$6\ ^{40}/_{120}$

4) The table below shows the weight of several phones. What is the combined weight of all the phones?

Phone	Weight (in ounces)	
Phone 1	$5\ ^{4}/_{5}$	$5\ ^{32}/_{40}$
Phone 2	$4\ ^{7}/_{8}$	$4\ ^{35}/_{40}$
Phone 3	$6\ ^{4}/_{5}$	$6\ ^{32}/_{40}$
Phone 4	$7\ ^{3}/_{4}$	$7\ ^{30}/_{40}$

5) The table below shows the length of several pieces of string. What is the combined length of all the strings?

String	Length (in Inches)	
String 1	$9\ ^{2}/_{4}$	$9\ ^{6}/_{12}$
String 2	$9\ ^{3}/_{6}$	$9\ ^{6}/_{12}$
String 3	$5\ ^{1}/_{2}$	$5\ ^{6}/_{12}$
String 4	$4\ ^{1}/_{2}$	$4\ ^{6}/_{12}$

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

Road	Distance (in miles)	
Road 1	$8\ ^{1}/_{4}$	$8\ ^{15}/_{60}$
Road 2	$8\ ^{3}/_{6}$	$8\ ^{30}/_{60}$
Road 3	$3\ ^{4}/_{5}$	$3\ ^{48}/_{60}$
Road 4	$9\ ^{3}/_{4}$	$9\ ^{45}/_{60}$

Answers

1. $25\ ^{11}/_{30}$
2. $20\ ^{16}/_{24}$
3. $29\ ^{85}/_{120}$
4. $25\ ^{9}/_{40}$
5. $29\ ^{0}/_{12}$
6. $30\ ^{18}/_{60}$