# Combining Amounts (with Fractions)

Name:

**Use the tables to answer each question.**

**1)** 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 | $1\frac{3}{8}$ |
| String 2 | $1\frac{2}{3}$ |
| String 3 | $8\frac{3}{4}$ |
| String 4 | $8\frac{4}{6}$ |

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

| Road | Distance (in miles) |
|---|---|
| Road 1 | $3\frac{5}{8}$ |
| Road 2 | $2\frac{5}{6}$ |
| Road 3 | $8\frac{1}{3}$ |
| Road 4 | $7\frac{1}{2}$ |

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

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

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

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

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

**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 | $6\frac{1}{3}$ |
| Container 2 | $2\frac{2}{4}$ |
| Container 3 | $4\frac{1}{2}$ |
| Container 4 | $7\frac{1}{2}$ |

**Answers**

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

**Use the tables to answer each question.**

**1)** 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 | $1\frac{3}{8}$ | $1\frac{9}{24}$ |
| String 2 | $1\frac{2}{3}$ | $1\frac{16}{24}$ |
| String 3 | $8\frac{3}{4}$ | $8\frac{18}{24}$ |
| String 4 | $8\frac{4}{6}$ | $8\frac{16}{24}$ |

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

| Road | Distance (in miles) | |
|---|---|---|
| Road 1 | $3\frac{5}{8}$ | $3\frac{15}{24}$ |
| Road 2 | $2\frac{5}{6}$ | $2\frac{20}{24}$ |
| Road 3 | $8\frac{1}{3}$ | $8\frac{8}{24}$ |
| Road 4 | $7\frac{1}{2}$ | $7\frac{12}{24}$ |

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

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

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

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

| Book | Weight (in ounces) | |
|---|---|---|
| Book 1 | $3\frac{6}{8}$ | $3\frac{18}{24}$ |
| Book 2 | $7\frac{4}{6}$ | $7\frac{16}{24}$ |
| Book 3 | $8\frac{3}{8}$ | $8\frac{9}{24}$ |
| Book 4 | $5\frac{4}{8}$ | $5\frac{12}{24}$ |

**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 | $6\frac{1}{3}$ | $6\frac{4}{12}$ |
| Container 2 | $2\frac{2}{4}$ | $2\frac{6}{12}$ |
| Container 3 | $4\frac{1}{2}$ | $4\frac{6}{12}$ |
| Container 4 | $7\frac{1}{2}$ | $7\frac{6}{12}$ |

**Answers**

1. $20\frac{11}{24}$
2. $22\frac{7}{24}$
3. $15\frac{4}{6}$
4. $19\frac{0}{6}$
5. $25\frac{7}{24}$
6. $20\frac{10}{12}$