# Distributing Fraction Sums

Name:

**Solve each problem.**

**1)** Find the sum: $\frac{2}{4}+\frac{1}{4}+\frac{1}{4}+\frac{2}{4}+\frac{1}{4}+\frac{2}{4}+\frac{3}{4}+\frac{1}{4}$

Take the sum from above and divide it by 8. What do you get? If possible, write your answer as a reduced fraction.

**2)** Find the sum: $\frac{2}{4}+\frac{2}{4}+\frac{2}{4}+\frac{1}{4}+\frac{1}{4}+\frac{3}{4}+\frac{1}{4}$

Take the sum from above and divide it by 7. What do you get? If possible, write your answer as a reduced fraction.

**3)** Find the sum: $\frac{1}{5}+\frac{1}{5}+\frac{2}{5}+\frac{1}{5}+\frac{2}{5}$

Take the sum from above and divide it by 5. What do you get? If possible, write your answer as a reduced fraction.

**4)** Find the sum: $\frac{2}{5}+\frac{3}{5}+\frac{3}{5}+\frac{3}{5}+\frac{1}{5}+\frac{4}{5}+\frac{2}{5}+\frac{3}{5}$

Take the sum from above and divide it by 8. What do you get? If possible, write your answer as a reduced fraction.

**5)** Find the sum: $\frac{2}{4}+\frac{2}{4}+\frac{1}{4}+\frac{3}{4}$

Take the sum from above and divide it by 4. What do you get? If possible, write your answer as a reduced fraction.

**6)** Find the sum: $\frac{1}{4}+\frac{3}{4}+\frac{1}{4}+\frac{3}{4}+\frac{3}{4}+\frac{2}{4}+\frac{2}{4}+\frac{1}{4}+\frac{3}{4}$

Take the sum from above and divide it by 9. What do you get? If possible, write your answer as a reduced fraction.

**7)** Find the sum: $\frac{1}{5}+\frac{3}{5}+\frac{3}{5}+\frac{3}{5}+\frac{4}{5}+\frac{4}{5}+\frac{4}{5}+\frac{2}{5}+\frac{2}{5}$

Take the sum from above and divide it by 9. What do you get? If possible, write your answer as a reduced fraction.

**8)** Find the sum: $\frac{2}{4}+\frac{3}{4}+\frac{2}{4}+\frac{1}{4}$

Take the sum from above and divide it by 4. What do you get? If possible, write your answer as a reduced fraction.

**9)** Find the sum: $\frac{4}{5}+\frac{3}{5}+\frac{2}{5}+\frac{1}{5}+\frac{1}{5}+\frac{4}{5}+\frac{1}{5}+\frac{1}{5}$

Take the sum from above and divide it by 8. What do you get? If possible, write your answer as a reduced fraction.

**10)** Find the sum: $\frac{1}{3}+\frac{2}{3}+\frac{2}{3}$

Take the sum from above and divide it by 3. What do you get? If possible, write your answer as a reduced fraction.

## Answers

1. _____ _____
2. _____ _____
3. _____ _____
4. _____ _____
5. _____ _____
6. _____ _____
7. _____ _____
8. _____ _____
9. _____ _____
10. _____ _____



| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|

Distributing Fraction Sums Name: **Answer Key**

**Solve each problem.**

**1)** Find the sum: $\frac{2}{4}+\frac{1}{4}+\frac{1}{4}+\frac{2}{4}+\frac{1}{4}+\frac{2}{4}+\frac{3}{4}+\frac{1}{4}$

Take the sum from above and divide it by 8. What do you get? If possible, write your answer as a reduced fraction.

**2)** Find the sum: $\frac{2}{4}+\frac{2}{4}+\frac{2}{4}+\frac{1}{4}+\frac{1}{4}+\frac{3}{4}+\frac{1}{4}$

Take the sum from above and divide it by 7. What do you get? If possible, write your answer as a reduced fraction.

**3)** Find the sum: $\frac{1}{5}+\frac{1}{5}+\frac{2}{5}+\frac{1}{5}+\frac{2}{5}$

Take the sum from above and divide it by 5. What do you get? If possible, write your answer as a reduced fraction.

**4)** Find the sum: $\frac{2}{5}+\frac{3}{5}+\frac{3}{5}+\frac{3}{5}+\frac{1}{5}+\frac{4}{5}+\frac{2}{5}+\frac{3}{5}$

Take the sum from above and divide it by 8. What do you get? If possible, write your answer as a reduced fraction.

**5)** Find the sum: $\frac{2}{4}+\frac{2}{4}+\frac{1}{4}+\frac{3}{4}$

Take the sum from above and divide it by 4. What do you get? If possible, write your answer as a reduced fraction.

**6)** Find the sum: $\frac{1}{4}+\frac{3}{4}+\frac{1}{4}+\frac{3}{4}+\frac{3}{4}+\frac{2}{4}+\frac{2}{4}+\frac{1}{4}+\frac{3}{4}$

Take the sum from above and divide it by 9. What do you get? If possible, write your answer as a reduced fraction.

**7)** Find the sum: $\frac{1}{5}+\frac{3}{5}+\frac{3}{5}+\frac{3}{5}+\frac{4}{5}+\frac{4}{5}+\frac{4}{5}+\frac{2}{5}+\frac{2}{5}$

Take the sum from above and divide it by 9. What do you get? If possible, write your answer as a reduced fraction.

**8)** Find the sum: $\frac{2}{4}+\frac{3}{4}+\frac{2}{4}+\frac{1}{4}$

Take the sum from above and divide it by 4. What do you get? If possible, write your answer as a reduced fraction.

**9)** Find the sum: $\frac{4}{5}+\frac{3}{5}+\frac{2}{5}+\frac{1}{5}+\frac{1}{5}+\frac{4}{5}+\frac{1}{5}+\frac{1}{5}$

Take the sum from above and divide it by 8. What do you get? If possible, write your answer as a reduced fraction.

**10)** Find the sum: $\frac{1}{3}+\frac{2}{3}+\frac{2}{3}$

Take the sum from above and divide it by 3. What do you get? If possible, write your answer as a reduced fraction.

## Answers

| | | |
|---|---|---|
| 1. | $\frac{13}{4}$ | $\frac{13}{32}$ |
| 2. | $\frac{12}{4}$ | $\frac{12}{28}=\frac{3}{7}$ |
| 3. | $\frac{7}{5}$ | $\frac{7}{25}$ |
| 4. | $\frac{21}{5}$ | $\frac{21}{40}$ |
| 5. | $\frac{8}{4}$ | $\frac{8}{16}=\frac{1}{2}$ |
| 6. | $\frac{19}{4}$ | $\frac{19}{36}$ |
| 7. | $\frac{26}{5}$ | $\frac{26}{45}$ |
| 8. | $\frac{8}{4}$ | $\frac{8}{16}=\frac{1}{2}$ |
| 9. | $\frac{17}{5}$ | $\frac{17}{40}$ |
| 10. | $\frac{5}{3}$ | $\frac{5}{9}$ |



| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |
|---|---|---|---|---|---|---|---|---|---|---|