# Distributing Fraction Sums

Name:

**Solve each problem.**

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

Take the sum from above and divide it by 6. What do you get? If possible, write your answer as a reduced fraction.

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

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

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

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

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

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: $\frac{2}{5} + \frac{3}{5} + \frac{1}{5}$

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

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

Take the sum from above and divide it by 10. What do you get? If possible, write your answer as a reduced fraction.

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

Take the sum from above and divide it by 6. What do you get? If possible, write your answer as a reduced fraction.

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

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

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

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

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

Take the sum from above and divide it by 9. 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: $\frac{2}{3} + \frac{2}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{2}{3}$

Take the sum from above and divide it by 6. What do you get? If possible, write your answer as a reduced fraction.

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

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

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

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

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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: $\frac{2}{5} + \frac{3}{5} + \frac{1}{5}$

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

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

Take the sum from above and divide it by 10. What do you get? If possible, write your answer as a reduced fraction.

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

Take the sum from above and divide it by 6. What do you get? If possible, write your answer as a reduced fraction.

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

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

## Answers

1. $\frac{9}{3}$ $\frac{9}{18} = \frac{1}{2}$
2. $\frac{8}{3}$ $\frac{8}{15}$
3. $\frac{10}{3}$ $\frac{10}{21}$
4. $\frac{13}{3}$ $\frac{13}{24}$
5. $\frac{6}{5}$ $\frac{6}{15} = \frac{2}{5}$
6. $\frac{27}{5}$ $\frac{27}{50}$
7. $\frac{10}{5}$ $\frac{10}{30} = \frac{1}{3}$
8. $\frac{20}{5}$ $\frac{20}{36} = \frac{5}{9}$
9. $\frac{18}{4}$ $\frac{18}{35}$
10. $\frac{12}{5}$ $\frac{12}{27} = \frac{4}{9}$