Distributing Fraction Sums

Name:

Solve each problem.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.	$\frac{13}{3}$	$\frac{13}{30}$
2.	$\frac{15}{4}$	$\frac{15}{36}=\frac{5}{12}$
3.	$\frac{15}{3}$	$\frac{15}{30}=\frac{1}{2}$
4.	$\frac{8}{5}$	$\frac{8}{15}$
5.	$\frac{17}{5}$	$\frac{17}{30}$
6.	$\frac{4}{4}$	$\frac{4}{12}=\frac{1}{3}$
7.	$\frac{12}{3}$	$\frac{12}{27}=\frac{4}{9}$
8.	$\frac{17}{4}$	$\frac{17}{32}$
9.	$\frac{17}{4}$	$\frac{17}{32}$
10.	$\frac{16}{3}$	$\frac{16}{27}$