Distributing Fraction Sums Name:

Solve each problem.

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

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

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

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

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

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

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: $\frac{2}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{2}{5} + \frac{4}{5} + \frac{4}{5}$

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

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

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

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

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

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

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: $\frac{1}{4} + \frac{3}{4} + \frac{3}{4} + \frac{2}{4}$

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

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

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. ____ _____

Distributing Fraction Sums Name: **Answer Key**

Solve each problem.

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

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

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

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

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

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

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: $\frac{2}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{2}{5} + \frac{4}{5} + \frac{4}{5}$

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

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

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

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

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

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

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: $\frac{1}{4} + \frac{3}{4} + \frac{3}{4} + \frac{2}{4}$

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

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

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. $\frac{18}{5} \div 9 = \frac{18}{45} = \frac{2}{5}$
2. $\frac{20}{5} \div 7 = \frac{20}{35} = \frac{4}{7}$
3. $\frac{14}{3} \div 9 = \frac{14}{27}$
4. $\frac{13}{4} \div 8 = \frac{13}{32}$
5. $\frac{16}{5} \div 8 = \frac{16}{40} = \frac{2}{5}$
6. $\frac{15}{4} \div 7 = \frac{15}{28}$
7. $\frac{13}{4} \div 5 = \frac{13}{20}$
8. $\frac{24}{5} \div 8 = \frac{24}{40} = \frac{3}{5}$
9. $\frac{9}{4} \div 4 = \frac{9}{16}$
10. $\frac{11}{5} \div 3 = \frac{11}{15}$

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