Redistributing Fractions

Name:

Solve each problem.

1) A builder had several boxes of nails that were partially full.

$\frac{6}{8}$ $\frac{5}{8}$ $\frac{1}{8}$ $\frac{2}{8}$ $\frac{7}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{3}{8}$ $\frac{6}{8}$

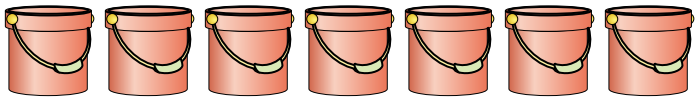
If he reorganized the nails so each box had the same quantity, how full would each box be?

2) At a party, cups were filled with different amounts of soda.

$\frac{4}{8}$ $\frac{6}{8}$ $\frac{2}{8}$ $\frac{5}{8}$ $\frac{4}{8}$ $\frac{4}{8}$ $\frac{7}{8}$

If the soda had been poured into the cups evenly, how much would be in each cup?

3) The buckets below are filled partially with sand.



$\frac{1}{5}$ $\frac{3}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{4}{5}$

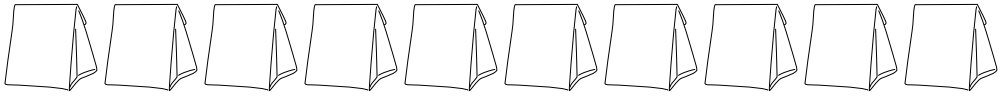
If you wanted to make it so each bucket had the same amount, how much would each bucket be filled?

4) The pitchers below have different amounts of water in them.

$\frac{4}{8}$ $\frac{5}{8}$ $\frac{1}{8}$ $\frac{3}{8}$ $\frac{2}{8}$

If you were to redistribute the water so that each pitcher had the same amount, how much would be in each?

5) The bags of candy below are fractions of a pound.



$\frac{6}{7}$ $\frac{6}{7}$ $\frac{2}{7}$ $\frac{4}{7}$ $\frac{1}{7}$ $\frac{4}{7}$ $\frac{5}{7}$ $\frac{4}{7}$ $\frac{5}{7}$ $\frac{2}{7}$

If you were to redistribute the candy so that each bag had the same amount, how much would be in each?

Answers

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

1-5	80	60	40	20	0

Redistributing Fractions

Name: **Answer Key**

Solve each problem.

1) A builder had several boxes of nails that were partially full.

$\frac{6}{8}$ $\frac{5}{8}$ $\frac{1}{8}$ $\frac{2}{8}$ $\frac{7}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{5}{8}$ $\frac{3}{8}$ $\frac{6}{8}$

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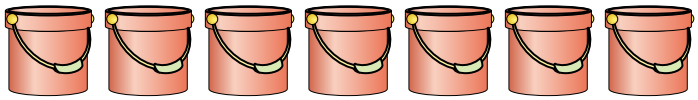

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If you were to redistribute the water so that each pitcher had the same amount, how much would be in each?

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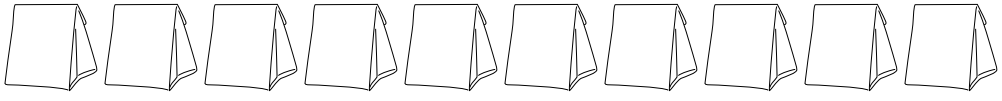

$\frac{6}{7}$ $\frac{6}{7}$ $\frac{2}{7}$ $\frac{4}{7}$ $\frac{1}{7}$ $\frac{4}{7}$ $\frac{5}{7}$ $\frac{4}{7}$ $\frac{5}{7}$ $\frac{2}{7}$

If you were to redistribute the candy so that each bag had the same amount, how much would be in each?

Answers

1. $\frac{45}{80} = \frac{9}{16}$
2. $\frac{32}{56} = \frac{4}{7}$
3. $\frac{22}{35}$
4. $\frac{15}{40} = \frac{3}{8}$
5. $\frac{39}{70}$