Redistributing Fractions

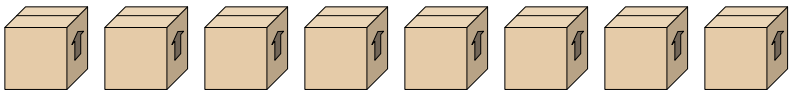
Name:

Solve each problem.

Answers

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

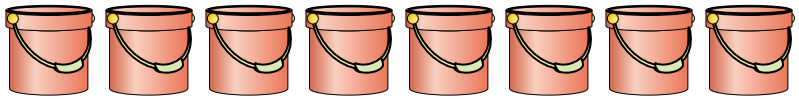
1) *Look at the weight of the boxes below.*



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

If you were to redistribute the material in the boxes so that each box had the same weight, how much would each weigh?

2) *The buckets below are filled partially with sand.*



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

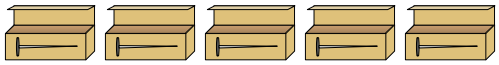
If you wanted to make it so each bucket had the same amount, how much would each bucket be filled?

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

$\frac{5}{7}$ $\frac{3}{7}$ $\frac{1}{7}$ $\frac{4}{7}$ $\frac{6}{7}$ $\frac{2}{7}$ $\frac{2}{7}$ $\frac{3}{7}$ $\frac{2}{7}$ $\frac{1}{7}$

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

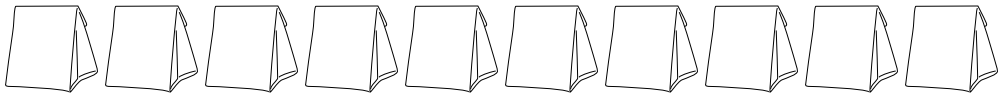
4) *A builder had several boxes of nails that were partially full.*



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

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

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



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

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

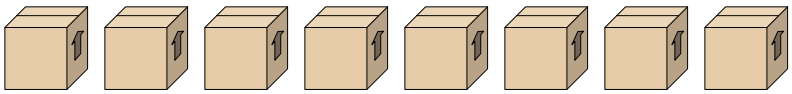
1-5	80	60	40	20	0

Redistributing Fractions

Name: **Answer Key**

Solve each problem.

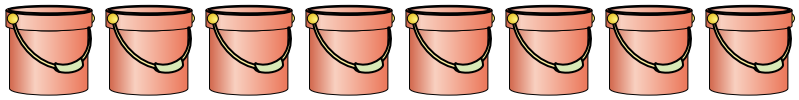
1) *Look at the weight of the boxes below.*



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

If you were to redistribute the material in the boxes so that each box had the same weight, how much would each weigh?

2) *The buckets below are filled partially with sand.*



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

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

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

$\frac{5}{7}$ $\frac{3}{7}$ $\frac{1}{7}$ $\frac{4}{7}$ $\frac{6}{7}$ $\frac{2}{7}$ $\frac{2}{7}$ $\frac{3}{7}$ $\frac{2}{7}$ $\frac{1}{7}$

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

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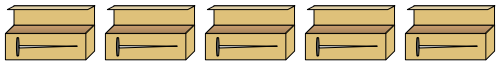

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If he reorganized the nails so each box had the same quantity, how full would each box be?

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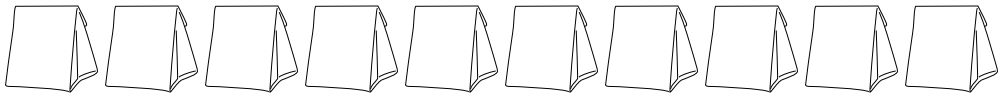

$\frac{1}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{2}{5}$ $\frac{4}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{1}{5}$

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

Answers

1. $^{18}/_{32} = {}^{9}/_{16}$
2. $^{16}/_{32} = {}^{1}/_{2}$
3. $^{29}/_{70}$
4. $^{17}/_{35}$
5. $^{27}/_{50}$

1-5	80	60	40	20	0