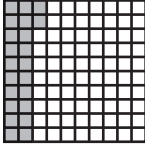


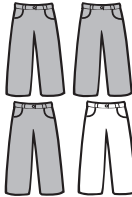
Wear It? Recycle It!

Write each shaded portion as a fraction, decimal, or percent.

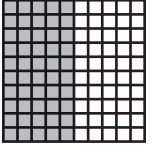
1. fraction: _____
 decimal: _____
 percent: _____



2. fraction: _____
 decimal: _____
 percent: _____



3. fraction: _____
 decimal: _____
 percent: _____



Read each statement. Write each percent as a fraction and decimal.

- | | |
|--|---|
| <p>4. 95% of textiles, worn or torn, can be recycled.
 fraction: _____ decimal: _____</p> <p>5. Only 15% of textiles are actually donated or recycled.
 fraction: _____ decimal: _____</p> <p>6. 85% of textiles worn go to our landfills.
 fraction: _____ decimal: _____</p> <p>7. 45% of donated textiles are clothes that can be worn again.
 fraction: _____ decimal: _____</p> | <p>8. 20% of donated textiles can be turned into fibers to make other items such as carpeting.
 fraction: _____ decimal: _____</p> <p>9. 30% of donated textiles can be used for other purposes, such as cleaning cloths.
 fraction: _____ decimal: _____</p> |
|--|---|

Read each problem. Round your answer to the nearest pound.

10. You are dropping off 27 pounds of old clothes at a charity. If 95% can be recycled, how many pounds of clothes will be recycled?

11. Your sister just cleaned out her closet. She is taking 17 pounds of clothes to a charity. If 45% can be worn again, how many pounds of clothes will that be? _____
12. Your aunt is moving, and she took 52 pounds of old towels, sheets, and linens to be recycled. If 30% can be turned into wiping rags, how many pounds will that be?

13. Your little brother has outgrown last year's clothes. You are helping your family drop off 32 pounds of old clothes at a charity. If 95% can be recycled, how many pounds of clothes will be recycled? _____
14. Oops! The clothes just came out of the dryer, and someone left a pen in a pocket. The laundry is ruined. Your dad takes 12 pounds of stained fabrics to a charity. If 30% can be used for other purposes, such as wiping rags, how many pounds will that be? _____



Answer Key

Wear It? Recycle It!

1. fraction: $\frac{22}{100}$, or $\frac{11}{50}$
decimal: .22
percent: 22%
2. fraction: $\frac{3}{4}$
decimal: .75
percent: 75%
3. fraction: $\frac{50}{100}$, or $\frac{1}{2}$
decimal: .50
percent: 50%
4. fraction: $\frac{95}{100}$, or $\frac{19}{20}$
percent: .95
5. fraction: $\frac{15}{100}$, or $\frac{3}{20}$
percent: .15
6. fraction: $\frac{85}{100}$, or $\frac{17}{20}$
percent: .85
7. fraction: $\frac{45}{100}$, or $\frac{9}{20}$
percent: .45
8. fraction: $\frac{20}{100}$, or $\frac{1}{5}$
percent: .20
9. fraction: $\frac{30}{100}$, or $\frac{3}{10}$
percent: .30
10. 26 pounds
11. 8 pounds
12. 16 pounds
13. 30 pounds
14. 4 pounds



SECONDARY MATERIALS®
AND RECYCLED TEXTILES