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## Rewrite the following.

1. Rewrite $\frac{5}{8}$ as a percent.
2. Rewrite 0.06 as a percent.
3. Rewrite 0.265 as a percent.
4. Rewrite $\frac{9}{12}$ as a decimal.
5. Rewrite 0.2 as a fraction.
6. Rewrite 0.35 as a fraction.
7. Rewrite $18 \%$ as a decimal.
8. Rewrite $40 \%$ as a fraction.
9. Rewrite $9 \%$ as a decimal.

## Answer the following.

10. Stan has 9 Marvel action figures and 5 DC figures.
a. What is the simplest ratio of Marvel to DC?
b. What is the simplest ratio of Marvel to total figures?
c. What percent of the figures are DC?
d. Lee has 36 Marvel figures and 20 DC figures. Is the ratio of Marvel to DC figures the same as the ratio of Stan's Marvel to DC? Explain.
11. Harper ordered a Party Pack from Taco Bell. The Pack came with 8 hard tacos and 12 soft tacos.
a. What is the simplest ratio of hard to soft tacos?
b. What is the simplest ratio of soft tacos to total tacos?
c. What percent of the pack is hard tacos?
d. Anthony ordered a Mini Party Pack that came with 6 hard tacos and 10 soft tacos. Is the ratio of hard to soft tacos the same ratio as Harper's Party Pack? Explain.

## ANSWERS TO 8.1 CORRECTIVE ASSIGNMENT

| 1. $62.5 \%$ | 2. 0.75 | 3. 0.18 | 4. $6 \%$ | 5. $\frac{2}{10}=$ |  | 6. $\frac{4}{10}=\frac{2}{5}$ | 7. $26.5 \%$ | 8. $\frac{35}{100}=\frac{7}{20}$ | 9. 0.09 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10. a. $\frac{9}{5}$ b. $\frac{9}{14}$ c. $35.71 \%$ |  |  |  |  | 11. a. $\frac{8}{12}=\frac{2}{3}$ b. $\frac{12}{20}=\frac{3}{5}$ |  |  | c. $40 \%$ |  |
| d. Y | ! $\frac{36}{20}=$ | $1.8=1.8$ |  |  | d. $\mathrm{NO}!~ \frac{8}{12} \neq \frac{6}{10} \quad 0.4 \neq 0.6$ |  |  |  |  |

