

PROPORTIONAL RELATIONSHIPS



If a woman making \$25 an hour gets a 10% raise, she will make an additional $\frac{1}{10}$ of her salary an hour.

a. How much will she make in addition to \$25 an hour?

b. What is her new salary?

Name: _____

Date: _____



The bookstore is having a sale. All young adult novels are 15% off. A student buys 3 books at the same price and saves \$6.75.

a. How much did the books cost before the sale?

b. What was the original price of each book?

Name: _____

Date: _____



A local zoo wants to renovate the Koala exhibit so that there is more room for the koalas to move around. They are asking for donations from local businesses to help them raise the funds they need to improve the exhibit. They need to raise \$65,000. So far, they have raised 25% of their funds.

a. What fraction of their funds have they raised?

b. How much have they raised so far and how much more do they need to raise?

Name: _____

Date: _____

Now it's your turn!! With your group create your own proportion problem for another group to solve. Remember you need to know the answer, and be creative!