

**Practice Assignment**

**0 25 50 75 100**

a. Alex goes to a soccer game and can buy candy for \$1.50 and soda for \$2.25. This scenario can be modeled by the expression  $1.50x + 2.25y$ . Identify what the following parts of the expression represent.

1.50	
2.25	
x	
y	
$1.50x$	
$2.25y$	
$1.50x + 2.25y$	

b. Haylie loves to watch movies. She joined a movie club where she pays \$5 to join the club and each movie she watches is \$2. The expression that models her scenario is  $5 + 2d$ . Identify what the following parts of the expression represent.

2	
d	
$2d$	
5	
$5 + 2d$	

c. Oleg is on a strict budget for grocery shopping. He has set aside \$600 and has budgeted that he can spend \$75 per week on groceries. The expression that models his scenario is  $600 - 75w$ . Identify what the follow parts of the expression represent.

600	
-75	
w	
$-75w$	
$600 - 75w$	

d. Kylie is going shopping and finds that sweaters cost her \$25 and jeans cost her \$30. She has a coupon for 20% off her total purchase. The expression that models her scenario is  $.80(25s + 30j)$ . Identify what the following parts of the expression represent.

25	
s	
25s	
30	
j	
30j	
.80	
$.80(25s + 30j)$	