

Name: _____

Date: _____

BJC Review Practice 2

Section 1: Hire Purchase

Answer the questions below.

(Answers should look like \$1,000.00)

1.



Hire Purchase Plan

Hire Purchase: A system by which a buyer pays for something in regular installments while enjoying the use of it.

Hire Purchase cost = deposit + monthly payments

Monthly Payments = deal payment x time

Cash Price\$1,200
or 20% down +
12 equal payments of \$110 each

Mrs. Burrows purchased a television set using the above payment plan.

a) Calculate the amount of the down payment?

Answer = _____

b) What is the total amount paid over the 12 months?

Answer = _____

c) Calculate the total cost of the television on the payment plan.

Answer = _____

d) How much money would be saved by paying cash?

Answer = _____

2. Caitlyn purchased an iPhone using the Hire Purchase Plan.

Calculate:

a) the total monthly payments.

Answer = _____

b) the cost of the iPhone on the Hire Purchase Plan.

Answer = _____

c) How much would she have saved by paying cash?

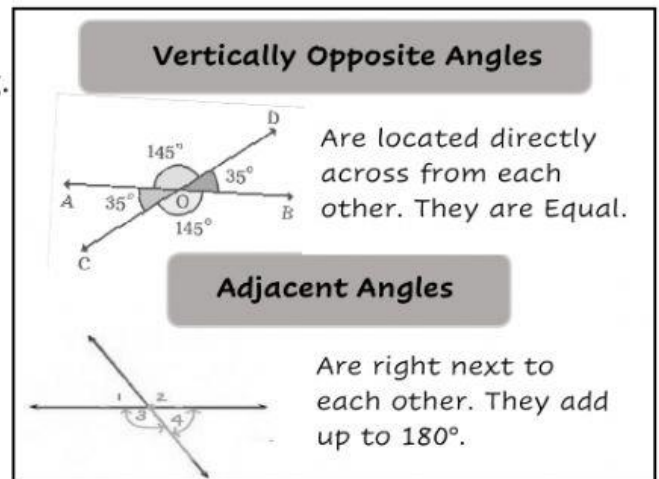
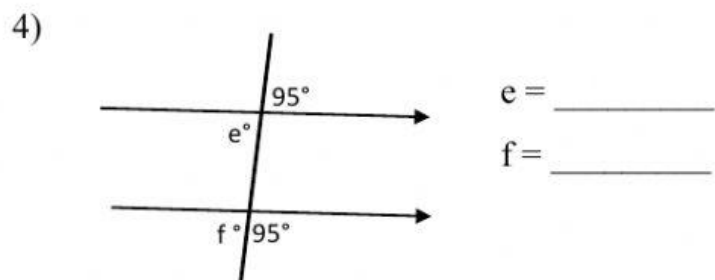
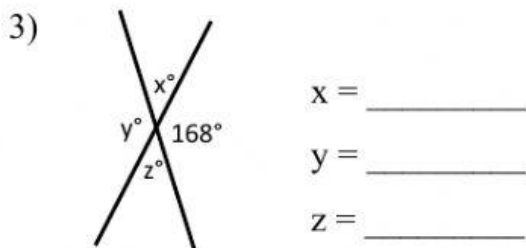
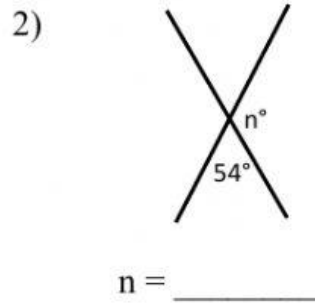
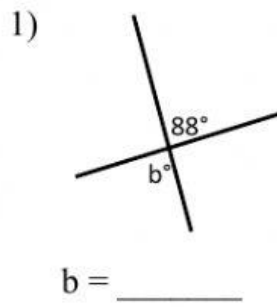
Answer = _____



Cash Price \$900
Hire Purchase Plan
\$200 down +
10 monthly
payments of \$85

Section 2: Angle Properties

Find the missing angles in each of the following.



Section 3: Ratios – Sharing

1. Anna and Beth share \$200 in the ratio 2:3.

How much does each girl receive?

a) Anna = b) Beth =

2. There are 1200 students at A.F. Adderley Jr. High.

The ratio of boys to girls is 3:5 respectively.

How many girls are in the school?

Answer =

3. Nancy, Beverly and Todd shared \$3600 in the ratio 2:3:4 respectively.

a) Calculate the amount of money that Todd received.

Answer =

b) Todd invested his money in the bank for 1 year at 6% simple interest.

(i) How much interest does he earn?

Answer =

(ii) What is the total AMOUNT after 1 year's investment?

Answer =

Sharing a quantity into a given ratio

For example, share 36 into the ratio 2 : 7

First ADD the ratio $2 + 7 = 9$

Second DIVIDE this answer into the quantity to be shared $36 \div 9 = 4$

Third MULTIPLY the ratio by this answer $2 \times 4 : 7 \times 4$

This is the answer 8 : 28