

1 Question Set

3/5/2014

A

In a bag of candy there are 25 pieces of chocolate and 15 gummies.

- What is the ratio of gummies to total pieces of candy?
- What is the ratio of total pieces to pieces of chocolate?
- If 5 pieces of chocolate were added to the bag, what is the ratio of gummies to the total pieces of candy?

B

Determine if the following ratios are equivalent.

$16 : 28$ and $52 : 91$

C

Determine if the following ratios are equivalent.

If Barry says the ratio of flowers to weeds in his garden is $9 : 2$, is it possible that there are 8 weeds and 36 flowers?

D

Fill in the following ratio table with equivalent ratios.

3	7
	14
9	
	35
18	
30	

E

Minutes	Assignments
	4
27	6

It took Gerald 27 minutes to do 6 homework assignments. How long did it take him to do 4 assignments?

F

On a school trip, the teacher needs to make sure the ratio of adults to children is $2 : 15$. If there are 60 children, how many adults does there need to be?

G

The ratio of pencils to pens is 7 : 3.
If there are 24 more pencils than pens, how many pens are there?

H

The ratio of black to blue to red marbles in Jim's collection is 2 : 3 : 4. If Jim has 28 red marbles...

How many more blue marbles than black marbles does he have?

I

Jenn and Nicki are making bracelets to sell at the local market. They decide that each bracelet will have 2 charms for every 8 beads.

Charms	Beads
2	8

A

a) _____

b) _____

c) _____

B

C

D

E

F

_____ Minutes

_____ Adults

G

_____ Pens

H

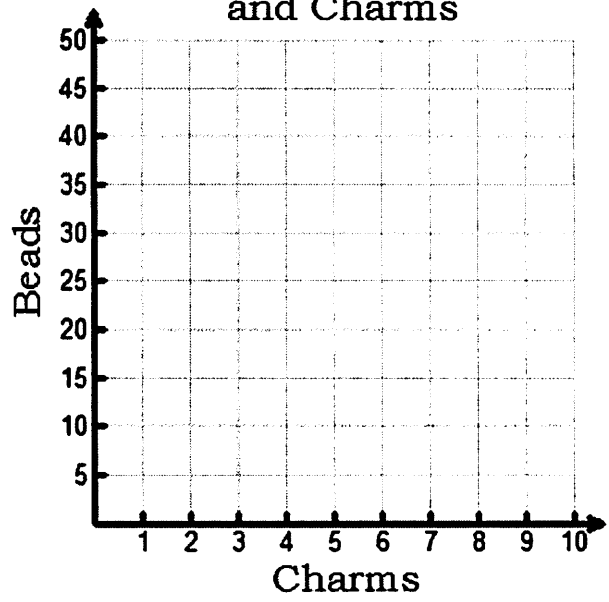
_____ More Blue than Black Marbles

I

Complete the Table with Equivalent Ratios. Then Graph and Answer the Questions Below.

Bracelets Full of Beads and Charms

Charms	Beads



- a) According to the graph, if the bracelet contains 5 charms, how many beads will the bracelet contain?

- b) How many charms would there be if the bracelet contained 64 beads?