Using Double Numberlines for Ratios

Name:

Use the double numberline to solve the problems.

1)
A sloppy joe restaurant gave 7 napkins for every 4 items ordered. If someone bought 24 items, how many napkins should they get?

item

napkins

1. _____

2. _____

2)
A store had a sale where you could get 8 bags of cashews for $5. If you wanted to buy 80 bags, how much would it cost?

cashews

price

3. _____

4. _____

3)
A box of candy had 4 cherry pieces for every 9 lemon pieces. If the box had 18 lemon pieces, how many cherry pieces would there be?

lemon

cherry

5. _____

6. _____

4)
On her MP3 player for every 2 pop song Isabel had she also had 4 country song. If she has 20 pop songs on her MP3 player, how many country songs does she have?

pop

country

7. _____

8. _____

5)
A builder could get 6 sheets of sheetrock for $2. If he bought 48 sheets, how much money would he have spent?

heetrock

price

6)
A recipe call for 3 teaspoons of seasoning for every 2 batches of chicken. If you have 18 batches of chicken, how many teaspoons of seasoning will you need?

chicken

easoning

7)
For every 3 cans Mike collected for recycling he earned 9 cents. After he collected 24 cans, how much money would he have earned?

cans

money

8)
The ratio of boys to girls at the park was 7 to 3. If there were 42 boys, how many girls were there?
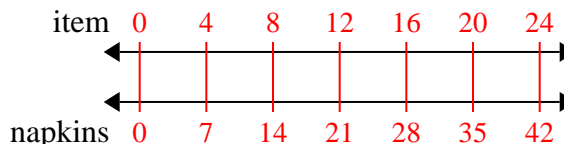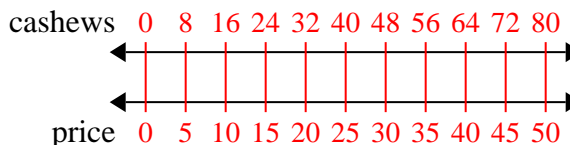
boys

girls

Use the double numberline to solve the problems.

1)

A sloppy joe restaurant gave 7 napkins for every 4 items ordered. If someone bought 24 items, how many napkins should they get?
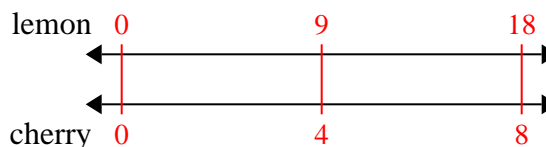
item 0   4   8   12   16   20   24

napkins 0   7   14   21   28   35   42

2)

A store had a sale where you could get 8 bags of cashews for $5. If you wanted to buy 80 bags, how much would it cost?

cashews 0   8   16   24   32   40   48   56   64   72   80
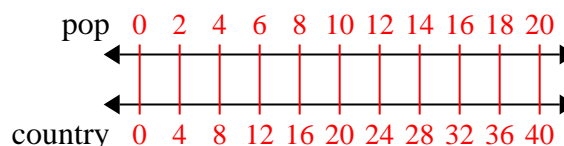
price 0   5   10   15   20   25   30   35   40   45   50

3)

A box of candy had 4 cherry pieces for every 9 lemon pieces. If the box had 18 lemon pieces, how many cherry pieces would there be?
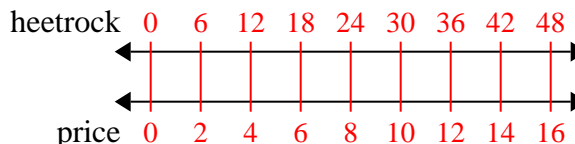
lemon 0   9   18

cherry 0   4   8

4)

On her MP3 player for every 2 pop song Isabel had she also had 4 country song. If she has 20 pop songs on her MP3 player, how many country songs does she have?
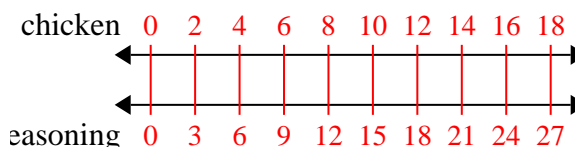
pop 0   2   4   6   8   10   12   14   16   18   20

country 0   4   8   12   16   20   24   28   32   36   40

5)

A builder could get 6 sheets of sheetrock for $2. If he bought 48 sheets, how much money would he have spent?

heetrock 0   6   12   18   24   30   36   42   48
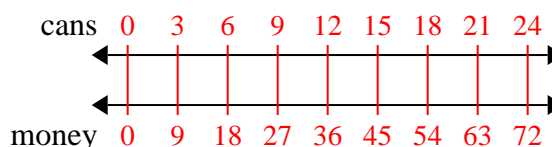
price 0   2   4   6   8   10   12   14   16

6)

A recipe call for 3 teaspoons of seasoning for every 2 batches of chicken. If you have 18 batches of chicken, how many teaspoons of seasoning will you need?

chicken 0   2   4   6   8   10   12   14   16   18

easoning 0   3   6   9   12   15   18   21   24   27

7)

For every 3 cans Mike collected for recycling he earned 9 cents. After he collected 24 cans, how much money would he have earned?

cans 0   3   6   9   12   15   18   21   24

money 0   9   18   27   36   45   54   63   72

8)

The ratio of boys to girls at the park was 7 to 3. If there were 42 boys, how many girls were there?

boys 0   7   14   21   28   35   42

girls 0   3   6   9   12   15   18

	Answers
1.	**42**
2.	**50**
3.	**8**
4.	**40**
5.	**16**
6.	**27**
7.	**72**
8.	**18**