Using Double Numberlines for Ratios

Name:

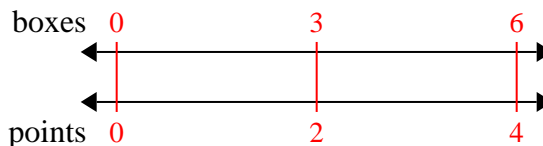**Use the double numberline to solve the problems.**

1)
At a school fundraiser for every 3 boxes of chocolate sold you earn 2 points. If you were to sell 6 boxes, how many points would you have earned?

boxes

points

1. _____

2)
A builder could get 8 sheets of sheetrock for $4. If he bought 24 sheets, how much money would he have spent?

heetrock

price

2. _____

3. _____

3)
A sloppy joe restaurant gave 4 napkins for every 7 items ordered. If someone bought 21 items, how many napkins should they get?

item

napkins

4. _____

4)
The ratio of boys to girls at the park was 4 to 9. If there were 8 boys, how many girls were there?

boys

girls

5. _____

6. _____

5)
On her MP3 player for every 8 pop song Lana had she also had 6 country song. If she has 24 pop songs on her MP3 player, how many country songs does she have?

pop

country

7. _____

6)
A store had a sale where you could get 9 bags of cashews for $6. If you wanted to buy 72 bags, how much would it cost?

cashews

price

8. _____

7)
A movie theater put 8 cups of oil for every 2 batches of popcorn they made. After they had made 16 batches of popcorn, how much oil would they have used?

popcorn

oil

8)
A recipe call for 9 teaspoons of seasoning for every 10 batches of chicken. If you have 100 batches of chicken, how many teaspoons of seasoning will you need?

chicken

easoning
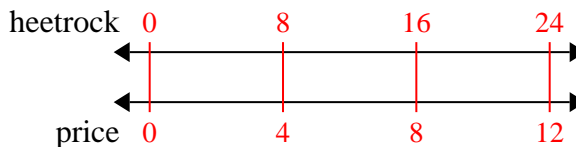
| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Math

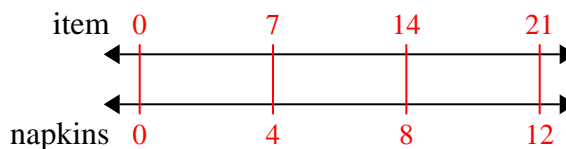**Use the double numberline to solve the problems.**

1)
At a school fundraiser for every 3 boxes of chocolate sold you earn 2 points. If you were to sell 6 boxes, how many points would you have earned?
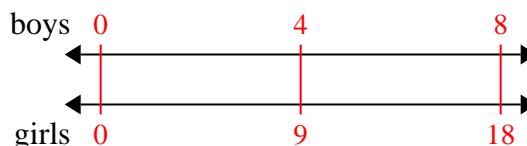
boxes 0   3   6

points 0   2   4

1. _____ **4**

2)
A builder could get 8 sheets of sheetrock for $4. If he bought 24 sheets, how much money would he have spent?

heetrock 0   8   16   24

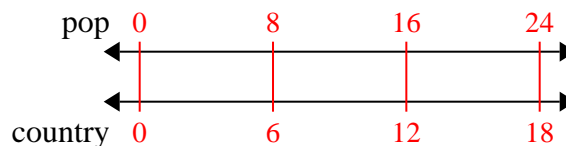price 0   4   8   12

2. _____ **12**

3. _____ **12**

3)
A sloppy joe restaurant gave 4 napkins for every 7 items ordered. If someone bought 21 items, how many napkins should they get?
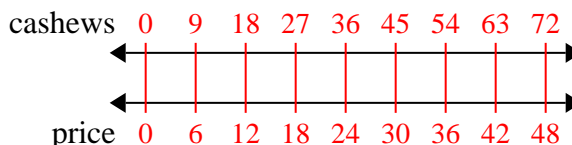
item 0   7   14   21

napkins 0   4   8   12

4. _____ **18**

5. _____ **18**

4)
The ratio of boys to girls at the park was 4 to 9. If there were 8 boys, how many girls were there?

boys 0   4   8

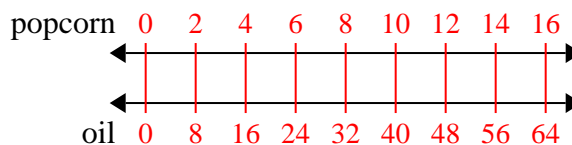girls 0   9   18

6. _____ **48**

5)
On her MP3 player for every 8 pop song Lana had she also had 6 country song. If she has 24 pop songs on her MP3 player, how many country songs does she have?

pop 0   8   16   24

country 0   6   12   18

7. _____ **64**

8. _____ **90**

6)
A store had a sale where you could get 9 bags of cashews for $6. If you wanted to buy 72 bags, how much would it cost?

cashews 0   9   18   27   36   45   54   63   72

price 0   6   12   18   24   30   36   42   48

7)
A movie theater put 8 cups of oil for every 2 batches of popcorn they made. After they had made 16 batches of popcorn, how much oil would they have used?

popcorn 0   2   4   6   8   10   12   14   16

oil 0   8   16   24   32   40   48   56   64

8)
A recipe call for 9 teaspoons of seasoning for every 10 batches of chicken. If you have 100 batches of chicken, how many teaspoons of seasoning will you need?

chicken 0   10 20 30 40 50 60 70 80 90 100

seasoning 0   9   18   27   36   45   54   63   72   81   90