Using Double Numberlines for Ratios

Name:
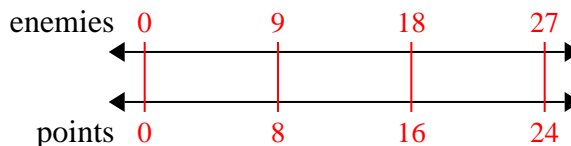
Use the double numberline to solve the problems.

1)
In a video game for every 9 enemies defeat, you earned 8 points. If you defeated 27 enemies, how many points would you have earned?

enemies

points

1. _____

2. _____

2)
At a school fundraiser for every 9 boxes of chocolate sold you earn 7 points. If you were to sell 54 boxes, how many points would you have earned?

boxes

points

3. _____

4. _____

5. _____

3)
A sloppy joe restaurant gave 6 napkins for every 5 items ordered. If someone bought 35 items, how many napkins should they get?

item

napkins

6. _____

7. _____

4)
A movie theater put 2 cups of oil for every 5 batches of popcorn they made. After they had made 15 batches of popcorn, how much oil would they have used?

popcorn

oil

8. _____

5)
A recipe call for 10 teaspoons of seasoning for every 3 batches of chicken. If you have 9 batches of chicken, how many teaspoons of seasoning will you need?

chicken

easoning

6)
A store had a sale where you could get 8 bags of cashews for $6. If you wanted to buy 40 bags, how much would it cost?

cashews

price

7)
A builder could get 4 sheets of sheetrock for $6. If he bought 36 sheets, how much money would he have spent?

heetrock

price

8)
A box of candy had 4 cherry pieces for every 2 lemon pieces. If the box had 4 lemon pieces, how many cherry pieces would there be?

lemon

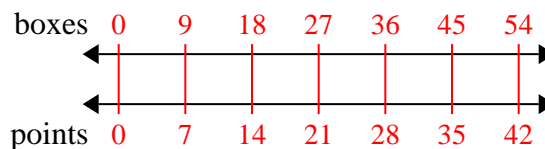cherry

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

Math

Use the double numberline to solve the problems.

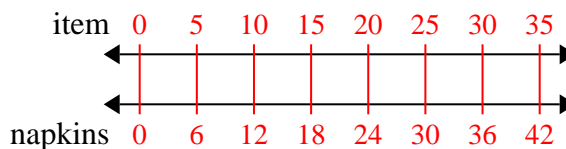**1)**

In a video game for every 9 enemies defeat, you earned 8 points. If you defeated 27 enemies, how many points would you have earned?

enemies 0   9   18   27

points 0   8   16   24
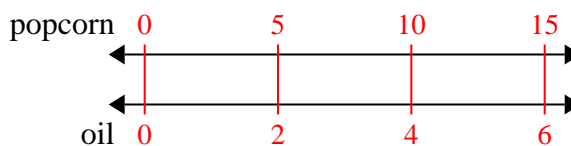
1. ____ **24**

2. ____ **42**

2)

At a school fundraiser for every 9 boxes of chocolate sold you earn 7 points. If you were to sell 54 boxes, how many points would you have earned?
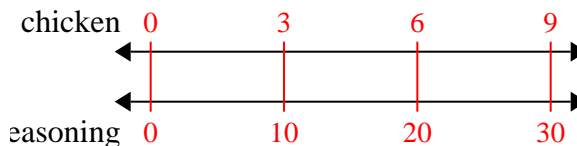
boxes 0   9   18   27   36   45   54

points 0   7   14   21   28   35   42

3. ____ **42**

4. ____ **6**

3)

A sloppy joe restaurant gave 6 napkins for every 5 items ordered. If someone bought 35 items, how many napkins should they get?

item 0   5   10   15   20   25   30   35

napkins 0   6   12   18   24   30   36   42
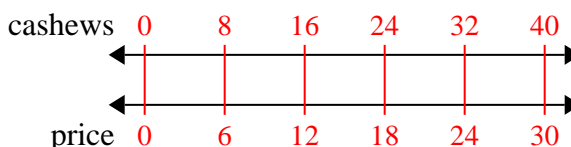
5. ____ **30**

6. ____ **30**

4)

A movie theater put 2 cups of oil for every 5 batches of popcorn they made. After they had made 15 batches of popcorn, how much oil would they have used?

popcorn 0   5   10   15

oil 0   2   4   6
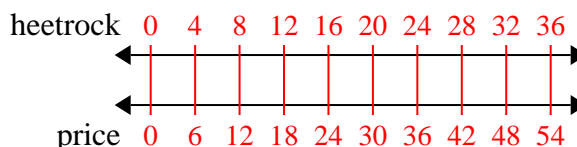
7. ____ **54**

8. ____ **8**

5)

A recipe call for 10 teaspoons of seasoning for every 3 batches of chicken. If you have 9 batches of chicken, how many teaspoons of seasoning will you need?

chicken 0   3   6   9

easoning 0   10   20   30

6)

A store had a sale where you could get 8 bags of cashews for $6. If you wanted to buy 40 bags, how much would it cost?

cashews 0   8   16   24   32   40

price 0   6   12   18   24   30

7)

A builder could get 4 sheets of sheetrock for $6. If he bought 36 sheets, how much money would he have spent?

heetrock 0   4   8   12   16   20   24   28   32   36

price 0   6   12   18   24   30   36   42   48   54

8)

A box of candy had 4 cherry pieces for every 2 lemon pieces. If the box had 4 lemon pieces, how many cherry pieces would there be?

lemon 0   2   4

cherry 0   4   8

Math